

# TOWN OF READING

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## THE ANNUAL REPORT

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OF RECEIPTS  
AND EXPENDITURES

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For the Financial Year  
Ending December 31st

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# TOWN OF READING

ANNUAL REPORT

— OF —

## Receipts and Expenditures

— FOR THE —

FINANCIAL YEAR ENDING DECEMBER 31

1913



W. E. & J. F. TWOMBLY  
PRINTERS  
READING, MASS.



## TOWN OFFICERS 1913-1914

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### Selectmen and Fence Viewers

EDWIN L. HUTCHINSON, *Chairman*

JAMES W. KILLAM, *Secretary*

OTIS B. RUGGLES

### Town Accountant

JOHN. H. SHELDON . . . . . Term expires 1914

### Overseers of the Poor

EDWIN L. HUTCHINSON, *Chairman*

JAMES W. KILLAM, *Secretary*

OTIS B. RUGGLES

### Assessors

MILLARD F. CHARLES, *Chairman* . . . . . Term expires 1915

ALVAH W. CLARK, *Secretary* . . . . . " " 1914

GEORGE E. HORROCKS . . . . . " " 1916

### Town Clerk

MILLARD F. CHARLES

### Treasurer

WARD C. MANSFIELD

### Collector of Taxes

HERBERT M. VIAL

### Board of Health

EDWARD M. HALLIGAN, <i>Chairman</i> .	Term expires	1916
GEORGE L. FLINT, <i>Secretary</i> . .	" "	1915
MAHLON E. BRANDE . . . .	" "	1914

### School Committee

WALTER S. PARKER, <i>Chairman</i> .	Term expires	1914
JESSE W. MORTON . . . .	" "	1916
IDA A. YOUNG . . . .	" "	1916
HOWARD W. POOR . . . .	" "	1914
ARTHUR N. MANSFIELD . . . .	" "	1915
ELIZABETH H. BROWN . . . .	" "	1915
HARRY T. WATKINS, <i>Supt. of Schools, Sec'y</i>	Resigned Sept.	1913
ADELBERT L. SAFFORD " " "		

### Water Commissioners

HENRY R. JOHNSON, <i>Chairman</i> .	Term expires	1916
EDGAR N. HUNT, <i>Secretary</i> . .	" "	1915
ARCHER R. PRENTISS . . . .	" "	1914

### Sewer Commissioners

HENRY R. JOHNSON, <i>Chairman</i> .	Term expires	1914
FRANK K. BLACK . . . .	" "	1915
EDGAR N. HUNT . . . .	" "	1916

### Municipal Light Board

CARL M. SPENCER, <i>Chairman</i> . .	Term expires	1914
GEORGE L. FLINT, <i>Secretary</i> . .	" "	1915
FRANK E. CRAFTS . . . .	" "	1916

### Trustees of Public Library

HORACE G. WADLIN, <i>Chairman</i> .	Term expires	1916
ARTHUR N. MANSFIELD, <i>Secretary</i> .	" "	1915
ROBERT T. EDES . . . .	" "	1916
HARRY P. BOSSON . . . .	" "	1914
HENRY C. PARKER . . . .	" "	1915

### Trustees of Laurel Hill Cemetery

GALEN A. PARKER, <i>Chairman</i>	.	.	Term expires 1914
ALFRED W. DANFORTH, <i>Supt. and Sec'y</i>	"	"	1915
FRANK L. EDGERLEY	.	.	" " 1916
ALVAH W. CLARK	.	.	" " 1914
JAMES H. CARLETON	.	.	" " 1915
CHARLES W. LEE	.	.	" " 1916

### Registrars

MILLARD F. CHARLES, <i>Clerk</i>	
OWEN McKENNEY	WALTER S. PRENTISS
ARTHUR C. COPELAND	

### Engineers of Fire Department

ORVILLE O. ORDWAY, <i>Chief</i>	
FRANK E. GRAY, <i>Clerk</i>	LUKE McKENNEY

### Superintendent of Fire Alarm

LEONARD T. EAMES

### Forest Warden

HERBERT E. McINTIRE

### Deputies

JOHN N. WESTON	GEORGE F. BLANCHARD
WILLARD A. BANCROFT	A. E. BATCHELDER
WILLIAM W. NEWHOUSE	

### Police

WILLIAM E. SWAIN, <i>Chief and Keeper of Lock-Up</i>	
JEREMIAH CULLINANE, JR.	OSCAR H. LOWE
GEORGE C. STOCK	

**Specials**

WILLIAM F. WELCH	WILLIAM C. MCKINLEY
ARDINE M. ALLEN	WILLIAM H. KILLAM
SAMUEL BROWN	DAVID J. WHELTON
JAMES W. SIAS	TIM. J. CULLINANE
EDW. L. ABBOTT	CLEMENT GLEASON
JESSE N. HUTCHINSON	WILLIAM KIDDER
WILLIAM C. CRAM	WILLARD A. BANCROFT
WM. J. MURPHY	

**Truant Officer**

WILLIAM KIDDER

**Superintendent of Streets**

EDWARD H. CROWE

**Local Superintendent of Moth Work**

HENRY M. DONEGAN

**Superintendent of Town Home**

L. A. DEMING

**Inspector of Plumbing**

DAVID TAGGART

**Inspector of Animals**

CALVERT H. PLAYDON, M. D. V.

**Superintendent of Wires**

ARTHUR G. SIAS, Resigned Sept. 1913  
JAMES W. SIAS



**Sealer of Weights and Measures**

FRANK W. PARKER

**Burial Agent of Deceased Soldiers and Sailors**

EPHRAIM WIGHT

**Tree Warden**

HENRY M. DONEGAN

**Finance Committee**

FRANK W. B. PRATT, <i>Chairman</i>	Resigned Dec. 31, 1913
JOHN CONNELLY . . . .	Term expires Dec. 31, 1915
HARVEY A. BANCROFT . .	" " " " 1915
FRANK W. PARSONS . .	" " " " 1916
WILFRED A. BANCROFT . .	" " " " 1916
SOLOMON BANCROFT . . .	" " " " 1916
FRANK F. STROUT . . .	" " " " 1914
WINTHROP D. PARKER . .	" " " " 1914
ADELBERT E. BATCHELDER	" " " " 1914
FREDERICK L. SPRINGFORD	" " " " 1914
ELIAS B. CURRELL . . .	" " " " 1914
JAMES H. REMICK . . .	" " " " 1915
ARTHUR H. JEWETT . . .	" " " " 1915
WALTER S. DAVIS . . .	" " " " 1915
CHARLES A. LORING . . .	" " " " 1916
CLARENCE C. WHITE . . .	" " " " 1916

JOHN H. SHELDON, Town Accountant, Ex-officio

**Measurers of Wood and Bark**

CHARLES W. LEE	WENDELL BANCROFT
PERCY N. SWEETSER	BURTON K. SYMONDS
WARREN M. WHITEHOUSE	

**Surveyors of Lumber**

WARREN M. WHITEHOUSE	SAMUEL BROWN
WILLIAM R. ZWICKER	BURTON K. SYMONDS
GEORGE L. FLINT	

**Weighers of Coal and Hay**

CHARLES W. LEE	PERCY N. SWEETSER
FRED M. PLATTS	BURT DUGAN
HENRY CARROLL	GEORGE DANE
WILLIAM H. WHITE	LEONARD LIVINGSTON
JAMES HICKEY	LUCIAN LITTLEHALE

**Field Drivers**

WILLARD A. BANCROFT	WM. F. WELCH
ARDINE M. ALLEN	

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## **REPORT OF TOWN CLERK**

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## TOWN MEETINGS IN THE YEAR 1913

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### ANNUAL TOWN ELECTION, MARCH 3, 1913

READING, MASS., March 3, 1913.

Pursuant to the warrant, and the Constable's return thereon, a town meeting was held at the time and place therein mentioned, to wit, Lyceum Lower Hall, at six o'clock A. M.

The meeting was called to order by the Town Clerk, Millard F. Charles. The warrant was partly read when it was moved by Alvah W. Clark that further reading of the warrant be dispensed with, except the Constable's return, and it was so voted. The following ballot clerks and tellers were duly sworn.

#### BALLOT CLERKS

Chester O. Richardson	Samuel Rounds
James A. Waters	Bartholemew J. Lehan

#### TELLERS

Bernard T. Granfield	Frank W. Willis
John D. Canty	James A. Freeman
Frank E. Gray	George M. Hutchinson
Richard N. B. Wilson	William H. Baker
Percy L. Horrocks	

Art. 1. Proceeded to ballot for Moderator. The polls were duly opened and closed with the following result. Whole number of votes cast for Moderator, one. Necessary for a choice, one. George L. Flint received one vote, and was declared duly elected Moderator. The ballots were delivered to the presiding election officer. The ballot box was

opened, examined and declared empty and registering 0000. The keys to the ballot box were delivered to the Constable in charge, Ardine M. Allen, and the polls were declared open.

Art. 2. On motion of Alvah W. Clark it was voted to adjourn after completion of business under Article 3, to Monday, March 10th, 1913, at seven forty-five o'clock in the evening, in Lyceum Hall.

Art. 3. Proceeded to ballot for Town Officers. On motion of Edwin L. Hutchinson it was voted to close the polls at four o'clock and thirty minutes P. M.

The ballot box was opened and the votes taken therefrom, no objection being made. The polls were duly closed at time mentioned, four o'clock and thirty minutes P. M.

The ballot box showed that 1008 votes were cast. The ballot clerks reported that 1007 names had been checked, 1001 men and 6 women, and the tellers reported they had counted 1001 men and 6 women, and the result was declared as follows:

#### TOWN CLERK, FOR ONE YEAR

* Millard F. Charles, 66 Bancroft avenue	.	.	646
Francis J. Skillen, 14 Pleasant street	.	.	137
C. Winthrop Smith, 12 Mount Vernon street	.	.	168
Blanks	.	.	50

#### SELECTMEN, FOR ONE YEAR

Fred M. Cook, 246 South street	.	.	.	187
Edward B. Eames, 393 Main street	.	.	.	343
* Edwin L. Hutchinson, 6 Grove street	.	.	.	704
* James W. Killam, 16 Arlington street	.	.	.	541
Frederic D. Merrill, 3 Salem street	.	.	.	313
Frank H. Nutting, Hill Crest Road	.	.	.	173
* Otis B. Ruggles, 49 Prescott street	.	.	.	493
Blanks	.	.	.	249



## OVERSEERS OF POOR, FOR ONE YEAR

Fred M. Cook, 246 South street . . . .	192
Edward B. Eames, 393 Main street . . . .	352
* Edwin L. Hutchinson, 6 Grove street . . . .	683
* James W. Killam, 16 Arlington street . . . .	514
Frederic D. Merrill, 3 Salem street . . . .	310
Frank H. Nutting, Hill Crest Road . . . .	169
* Otis B. Ruggles, 49 Prescott street . . . .	489
Blanks . . . . .	294

## ASSESSOR, FOR THREE YEARS

Arthur C. Copeland, 193 Main street . . . .	364
* George E. Horrocks, 25 Pleasant street . . . .	606
Blanks . . . . .	31

## TREASURER, FOR ONE YEAR

* Ward C. Mansfield, 45 Prescott street . . . .	848
Blanks . . . . .	153

## COLLECTOR OF TAXES, FOR ONE YEAR

* Herbert M. Viall, 42 Bancroft avenue . . . .	852
Blanks . . . . .	149

## BOARD OF HEALTH, FOR THREE YEARS

* Edward M. Halligan, 18 Salem street . . . .	790
Blanks . . . . .	211

## CONSTABLES, FOR ONE YEAR

* Ardine M. Allen, 77 Bancroft avenue . . . .	732
* Edward L. Abbott, 84 Middlesex avenue . . . .	751
Blanks . . . . .	518

## WATER COMMISSIONER, FOR THREE YEARS

Charles Rufus Herrick, 219 Pearl street . . . .	380
* Henry R. Johnson, 5 Sanborn street . . . .	513
Blanks . . . . .	108

## MUNICIPAL LIGHT BOARD, FOR THREE YEARS

* Frank E. Crafts, 89 Woburn street . . . . .	801
Blanks . . . . .	200

## SEWER COMMISSIONER, FOR THREE YEARS

* Edgar N. Hunt, 125 Summer avenue . . . . .	786
Blanks . . . . .	215

## TRUSTEES LAUREL HILL CEMETERY, FOR THREE YEARS

* Frank L. Edgerley, 185 Main street . . . . .	797
* Charles W. Lee, 67 Woburn street . . . . .	678
Blanks . . . . .	528

## TRUSTEE OF PUBLIC LIBRARY, FOR ONE YEAR

* Robert T. Edes, 340 Summer avenue . . . . .	720
* Horace G. Wadlin, 118 Woburn street . . . . .	762
Blanks . . . . .	520

## TRUSTEE OF PUBLIC LIBRARY, FOR ONE YEAR

* Frank C. Carter, 55 Woburn street . . . . .	760
Blanks . . . . .	241

## SCHOOL COMMITTEE, FOR THREE YEARS

* Jesse W. Morton, 114 Woburn street . . . . .	742
* Ida A. Young, 86 Woburn street . . . . .	742
Blanks . . . . .	530

## TREE WARDEN, FOR ONE YEAR

* Henry M. Donegan, 58 Federal street . . . . .	800
Blanks . . . . .	201

Shall licenses be granted for the sale of intoxicating liquors in this town?

Yes . . . . .	187
No . . . . .	670
Blanks . . . . .	144

Shall an act passed by the General Court in the year nineteen hundred and twelve relative to town meetings in

the Town of Reading, and providing for the ratification of certain votes passed at such meetings, be accepted by the town ?

Yes	.	.	.	.	.	.	.	.	.	.	370
No	.	.	.	.	.	.	.	.	.	.	66
Blanks	.	.	.	.	.	.	.	.	.	.	565

The ballots were counted and declared in open town meeting, and sealed and delivered to the Town Clerk, whereupon the meeting adjourned as voted in meeting, to meet at 7.45 p. m., in Lyceum Hall, on Monday, March 10, 1913.

MILLARD F. CHARLES,

Town Clerk.

## ADJOURNED ANNUAL TOWN MEETING

READING, MASS., March 10, 1913.

Town meeting was called to order by the Moderator, George L. Flint, pursuant to adjournment, at 7.45 p. m., in Lyceum Hall.

Art. 4. To hear and act on the reports of the Selectmen, Overseers of the Poor, Assessors, Treasurer, Collector of Taxes, School Committee, Water Commissioners, Sewer Commissioners, Municipal Light Board, Engineers of Fire Department, Trustees of Laurel Hill Cemetery, Trustees of Public Library, Board of Health, Finance Committee, Town Accountant, Tree Warden and Special Committees.

Art. 4. Voted to lay on the table.

Art. 5. To choose all other necessary Town Officers and to determine what instructions they will give the Town Officers.

Art. 5. On motion of Edwin L. Hutchinson it was voted that William F. Welch, Ardine M. Allen and Willard A. Bancroft serve as Field Drivers for the ensuing year.

On motion of Edwin L. Hutchinson it was voted that Ora L. Milbury, Wendell Bancroft, Warren M. Whitehouse, Samuel Brown, William R. Zwicker, Burton K. Symonds, Edward B. Eames, George L. Flint and William H. Badger serve as Surveyors of Lumber for the ensuing year.

On motion of Edwin L. Hutchinson it was voted that the Selectmen act as Fence Viewers for the ensuing year.

On motion of Edwin L. Hutchinson it was voted that L. A. Deming serve as Poundkeeper for the ensuing year.

On motion of Edwin L. Hutchinson it was voted that the Selectmen be authorized to appoint Measurers of Wood and Bark and Weighers of Hay and Coal, etc., for the ensuing year.

On motion of A. Newell Howes it was voted that the Board of Water Commissioners are hereby instructed to discontinue the water rates announced in their printed notice of January 1, 1913, and restore the water rates in force heretofore, viz: semi-annual minimum, 8000 gallons for \$3.00; annual minimum, 16,000 gallons for \$6.00; excess, 30 cents per 1000 gallons. The same to be continued until changed by vote of the Town.

On motion of Gilman L. Parker it was voted that the Water Commissioners be instructed to bring in a report to the Town of their estimates what the new water rates as issued by them will bring in as a revenue in excess of the old rates for one year, and that they be instructed to report in writing at the next annual town meeting, giving all their views as to the wisdom of changing the water rates.

Art. 5. Voted to lay on the table.

Art. 6. To determine how much money the Town will raise and appropriate for General Government, Protection of Life and Property, Health and Sanitation, Highways and Bridges, Charities, Soldiers' Benefits, Education, Library, Recreation, Cemetery, Interest and Municipal Indebtedness.

Art. 6. On motion of Edwin L. Hutchinson it was voted that the sum of nine thousand two hundred and seventy-five

(\$9275) dollars be appropriated for General Government, to be divided as follows:

Salary of Moderator . . . . .	\$25 00
Selectmen's Salaries . . . . .	500 00
Selectmen, other expenses . . . . .	200 00
Town Accountant's Salary . . . . .	750 00
Treasurer's Salary . . . . .	600 00
Treasurer, other expenses . . . . .	225 00
Tax Collector's Salary, three-fourths of 1% (Est.)	975 00
Tax Collector, other expenses . . . . .	130 00
Assessors' Salaries (in full for all services) . .	1,150 00
Assessors' expenses . . . . .	600 00
Town Clerk's Salary . . . . .	150 00
Town Clerk, other expenses . . . . .	225 00
Board of Registrars' Salaries . . . . .	145 00
Election Officers and other expenses . . . . .	600 00
Miscellaneous Expenses . . . . .	1,200 00
Town Building . . . . .	600 00
Insurance . . . . .	1,200 00
Total . . . . .	<u>\$9,275 00</u>

On motion of Edwin L. Hutchinson it was voted that four thousand four hundred (\$4400) dollars be raised and appropriated, and appropriate Court fines, for the Police Department for the ensuing year.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate six thousand (\$6000) dollars for the Fire Department for the ensuing year.

On motion of Henry R. Johnson it was voted to raise and appropriate five thousand six hundred and forty (\$5640) dollars for hydrant rentals, and that the above named sum, together with the receipts for water, be appropriated for interest on water loan, maintenance of water works and for main and service pipe, and that three thousand (\$3000) dollars be paid to the Town Treasurer to be used in part payment for water bonds.



On motion of Edwin L. Hutchinson it was voted to raise and appropriate two thousand six hundred and eighteen dollars and seventy-five cents (\$2618.75) and appropriate moth assessments for Moth Account.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate five hundred (\$500) dollars for Forest Warden.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate five hundred (\$500) dollars and appropriate receipts for Tree Warden the ensuing year.

On motion of Edwin L. Hutchinson it was voted that one hundred (\$100) dollars be raised and appropriated for salary of Inspector of Wires for the ensuing year.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate one hundred and twenty-five (\$125) dollars for the Department of Sealer of Weights and Measures for the ensuing year.

On motion of Mahlon E. Brande it was voted to raise and appropriate twelve hundred and forty-five (\$1245) dollars for the Health Department, to be divided as follows: maintenance \$995, salaries \$250.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate three thousand five hundred (\$3500) dollars and appropriate the proceeds of the Franchise and Excise Taxes for Highways, Bridges and Sidewalks for the ensuing year.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate for the following:

Street Watering, \$700.

Water Department, for water, \$300.

Oil for streets, \$2000.

Water Department, for drinking fountains, \$300.

Voted to raise and appropriate fifteen hundred (\$1500) dollars to macadamize Lowell street for the continuation of construction towards Reading Square.



On motion of Edwin L. Hutchinson it was voted to raise and appropriate one thousand (\$1000) dollars to macadamize on West street, providing the State appropriates a like amount.

On motion of Edwin L. Hutchinson it was voted that three thousand two hundred (\$3200) dollars be raised and appropriated for the Poor Department, and five hundred and fifty (\$550) dollars for repairs of Town Home, and seven hundred and fifty (\$750) dollars for Soldiers' Relief.

On motion of Horace G. Wadlin it was voted to raise and appropriate one thousand three hundred twenty-five (\$1325) dollars and this together with the proceeds of the Dog Tax and the fines and receipts of the Library Department be appropriated for the support of the Public Library during the ensuing year.

Art. 6. Voted to lay on the table.

Art. 41. To see if the Town will authorize the Town Treasurer, with the approval of the Selectmen, to borrow during the municipal year beginning 1 January, in anticipation of the collection of taxes for said year, such sums of money as may be necessary for the current expenses of the Town, but not exceeding the total tax levy for said year, giving the notes of the Town therefor, payable within one year from the dates thereof. All debts incurred under authority of this vote shall be paid from the taxes of the present municipal year.

Art. 41. Voted to take up.

Art. 41. On motion of Ward C. Mansfield it was voted that the Town Treasurer be and hereby is authorized to borrow money from time to time in anticipation of the taxes of the municipal year beginning January 1, 1913, to an amount not exceeding in the aggregate one hundred twenty thousand dollars (but not exceeding the total tax levy), and to issue the note or notes of the Town therefor, payable within one year from the date thereof, any debt or debts incurred

under this vote to be paid from the taxes of said municipal year.

Art. 5. Voted to take from the table.

After an extended talk on the schools it was voted to adjourn, to meet in Lyceum Hall on Monday, March 17, 1913, at 7.45 P. M.

MILLARD F. CHARLES,  
Town Clerk.

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LYCEUM HALL, READING, MASS., March 17, 1913.

Pursuant to adjournment, a town meeting was held and was called to order at the specified time as adjourned, by the Moderator, George L. Flint.

Art. 5. On motion of Charles F. Brown it was voted that whereas it has been asserted first:—that it is neither economical to the taxpayers nor beneficial to the school children of Reading that the offices of principal or master of the High School and Superintendent of Schools be held by the same person, and secondly that it is not desirable that the present principal or master of the High School serve as Secretary of the School Committee, we request the School Committee to consider the said assertions, and if the same are found to be true, we request the Committee, first: to separate the said offices of principal and superintendent and confine the work of the principal or master to teaching in the High School and to such duties as belong strictly to a High School principal or master; and secondly to relieve the present principal or master of the High School of the duties of secretary of the School Committee.

Art. 5. Voted to lay on the table.

Art. 6. Voted to take from the table.

Voted to adjourn to meet in Lyceum Hall on Monday, March 24, 1913, at 7.45 P. M.

MILLARD F. CHARLES,  
Town Clerk.

LYCEUM HALL, READING MASS., March 24, 1913.

Pursuant to adjournment a town meeting was held at the time and place specified and was called to order by the Moderator, George L. Flint.

Art. 6. Voted to lay on the table.

Art. 16. To see if the Town will vote to increase the Firemen's Salaries to \$100.00 per year, or what they will do in relation thereto.

Art. 16. Voted to take up.

Art. 16. Voted to lay on the table.

Art. 6. Voted to take from the table.

Art. 6. On motion of Walter S. Parker it was voted to raise and appropriate for support of schools, thirty-eight thousand (\$38,000) dollars and appropriate receipts.

On motion of Lewis M. Bancroft it was voted that the Town raise and appropriate for the use of the Water Department the sum of two thousand (\$2000) dollars to be expended by them for painting the standpipe, repairs to buildings and machinery at the pumping station, and for paying the Norwood Engineering Co. the amount that will be due them.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate for care of Common and Parks, one hundred (\$100) dollars.

On motion of Samuel Brown it was voted to raise and appropriate for Memorial Day, two hundred (\$200) dollars to be expended under the direction of Veteran Post 194 G. A. R.

On motion of Galen A. Parker it was voted to raise and appropriate eleven hundred (\$1100) dollars to take care of Laurel Hill Cemetery.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate four thousand three hundred and ninety-three (\$4393) dollars and appropriate interest on deposits and taxes for Interest Account.

On motion of Edwin L. Hutchinson it was voted to raise and appropriate the sum of ten thousand one hundred and twenty-five (\$10,125) dollars in part for notes and bonds maturing in 1913, and appropriate the sum of six thousand one hundred and seventy-five (\$6175) dollars, and to provide for the same the Town Accountant be and hereby is authorized to transfer from Contingent Account five thousand six hundred (\$5600) dollars, from Cemetery Special from sale of lots and graves one hundred (\$100) dollars, and from Grouard Estate Income Account four hundred and seventy-five (\$475) dollars.

Art. 21. To see if the Town will accept the provisions of Section 37, Chapter 19, of the Revised Laws of Massachusetts, an act relative to Civil Service for the Police Department, and limiting the application of provision of said chapter to the Police force of the Town, or what they will do in relation thereto.

Art. 21. Voted to take up.

Art. 21. On motion of Jesse W. Morton to accept the provisions of this article, it was voted not to accept by a vote of forty-four in favor and one hundred nineteen against.

Art. 22. To see if the Town will accept the provisions of Chapter 468, Acts of 1911, an act relative to Civil Service for Chief of Police of Towns, or what they will do in relation thereto.

Art. 22. It was voted to indefinitely postpone.

Art. 5. Voted to take from the table.

Art. 5. It was voted in action of Arthur A. LaChance vs. Town of Reading, that the Selectmen have full power in the case in question.

On motion of Lewis M. Bancroft it was voted that the minimum semi-annual water rate shall be three dollars. This payment will entitle the taker to use one thousand cubic feet in six months. All water used in excess of this amount shall be charged for as follows: first 6500 cubic feet, 23 cents

per 100 cubic feet; next 13,000 cubic feet, 20 cents per 100 cubic feet; next 13,000 cubic feet, 15 cents per 100 cubic feet. All in excess of 33,500 cubic feet at the rate of 12 cents per 100 cubic feet.

Art. 5. Voted to lay on the table.

Art. 4. Voted to take from the table.

Art. 4. Special Committee appointed for the betterment of the Fire Department of the Town of Reading, Mass., made a report with the following recommendations:

1st. That the Town purchase a motor driven triple combination fire truck consisting of a motor driven water pump to take the place of the steamer, a forty gallon chemical fire extinguisher and capacity for carrying 1000 feet of fire hose.

2d. That the Fire Engineers reorganize the entire Fire Department by disbanding Companies 3, 4 and 5, and turning over to the Fire Wardens hose houses 3, 4 and 5. That they employ in the department 28 call men and hire two permanent men to man the motor apparatus.

3d. That they establish a Central Fire Station at the engine house on Pleasant street.

4th. That they arrange and fit up sleeping quarters for at least five men at the Central Station.

5th. That the steamer be retained and stored for use in case of accident to other apparatus.

Art. 4. Voted to lay on the table.

Art. 12. To see if the Town will vote to purchase one piece of automobile fire apparatus, and how much money they will raise and appropriate or otherwise provide for the purpose, or what they will do in relation thereto.

Art. 12. Voted to take up.

Art. 12. On motion of Mahlon E. Brande it was voted that the Town appropriate seven thousand five hundred (\$7500) dollars for the purchase of a motor driven vehicle known and designated as a triple combination fire truck,



consisting of a motor driven water pump, a forty gallon chemical fire extinguisher and capacity for carrying 1000 feet of fire hose. That they raise the above money by issuing five serial notes of fifteen hundred (\$1500) dollars each, payable 1914 to 1918 inclusive.

One hundred and sixty-five voted in favor and ten against.

Art. 23. To see if the Town will raise and appropriate the sum of one thousand (\$1000) dollars for the purpose of macadamizing Haverhill street, from Wakefield-Reading line north, providing the State appropriates a like amount, or what they will do in relation thereto.

Art. 23. Voted to take up.

Art. 23. On motion of James W. Killam it was voted to raise and appropriate one thousand (\$1000) dollars for the purpose of macadamizing Haverhill street, from Wakefield-Reading line north, providing the State appropriates a like amount.

Voted to adjourn, to meet in Lyceum Hall on Monday, March 31, 1913, at 7.45 P. M.

MILLARD F. CHARLES,

Town Clerk.

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LYCEUM HALL, READING, MASS., March 31, 1913.

Pursuant to adjournment, a town meeting was held at the time and place specified and was called to order by the Moderator, George L. Flint.

Art. 4. Voted to take from table.

Art. 4. On motion of George L. Pratt it was voted that the report of the Committee on Fire Department be taken from the table, the report accepted and their recommendations adopted, that the Board of Fire Engineers, with Mah-



lon E. Brande, Lewis M. Bancroft and the Board of Selectmen, be authorized to carry out said recommendations.

Art. 4. Voted to lay on the table.

Art. 6. Voted to take from the table.

Art. 6. Voted to lay on the table.

Art. 16. Voted to take from the table.

Art. 16. Voted to lay on the table.

Art. 7. To see what sum the Town will raise and appropriate or otherwise provide, with the receipts of the Municipal Light and Power Department for the year 1913, for maintenance, operation, repairs and new construction for said plant, and for the payment of bonds, notes, interest and depreciation due by said plant during this year, or what they will do in relation thereto.

Art. 7. Voted to take up.

Art. 7. On motion of Carl M. Spencer it was voted that six thousand (\$6000) dollars be raised and appropriated, and this amount, together with two hundred thirty-one dollars and thirty-two cents (\$231.32) of the unexpended balance December 31, 1912, and the receipts of the plant for the current year, be appropriated for the operation, maintenance and repair of said plant and for the payment of bonds, notes and interest. The sum of four thousand seven hundred eighty-eight dollars and eighty cents (\$4788.80) to be appropriated from the above for depreciation: and that for the purpose of providing funds for reconstruction of said plant, the Town Treasurer be authorized, with the approval of the Selectmen, to issue notes, bonds or other certificates of indebtedness of the Town for an amount not exceeding thirteen thousand five hundred (\$13,500) dollars, payable fifteen hundred (\$1500) dollars each year from 1914 to 1922 inclusive, and bearing interest at a rate not exceeding five per cent., payable semi-annually, the proceeds of same to be expended under the direction of the Municipal Light Board in accordance with the recommendation of the Finance Committee.

On a count, one hundred twenty-one voted in favor and none against the motion. On motion of Charles A. Loring it was voted a committee, consisting of the Municipal Light Board together with Theodore P. Berle, James W. Killam and C. Winthrop Smith, be appointed with instructions to investigate the general matter of electric light rates, and report at the next annual town meeting.

Art. 8. To see if the Town will vote to raise and appropriate, or otherwise provide, the sum of three thousand eight hundred twenty-six dollars and nineteen cents (\$3826.19) for the use of the Municipal Light Board, to pay outstanding bills for construction for the year ending December 31, 1912, or what they will do in relation thereto.

Art. 8. On motion of Carl M. Spencer it was voted that the sum of thirty eight hundred twenty-six dollars and nineteen cents (\$3826.19) be raised and appropriated, the same to be expended by the Municipal Light Board for the payment of outstanding bills for construction, December 31, 1912, in accordance with the recommendation of the Finance Committee.

Art. 9. To see if the Town will vote to authorize the Municipal Light Board to install Tungsten street lights on any or all of the following streets, and how much money they will raise and appropriate, or otherwise provide, therefor, or what they will do in relation thereto.

South street, near residence of Horatio Clark, 1 light.

South street, from Main to beyond Curtis street, 4 lights.

School street, 3 lights.

Wilson street, 2 lights.

Beach street, 1 light.

King street, between Summer avenue and Morgan Park, 2 lights.

Washington street, near Village street, 1 light.

Lincoln street, between Washington and Prescott streets, 2 lights.

Minot street, near Washington street, 1 light.

Orange street, corner of Belmont street, 1 light.

Vine street, between No. 105 High street and Mineral street, 2 lights.

Middlesex avenue, corner Grand street, 1 light.

Bancroft avenue, north of Lowell street, 2 lights.

Bancroft avenue, between Middlesex avenue and Mt. Vernon street, 1 light.

Oak street (and remove 1 arc light), 6 lights.

Fremont street, near Prospect street, 1 light.

Dudley street, corner Grand street, 1 light.

Copeland avenue, corner Prescott street extension, 1 light.

Perkins avenue, corner Prescott street extension, 1 light.

Summer avenue, near Woodbine street, 2 lights.

Pearl street, from Charles street to residence of T. B. Melvin, 4 lights.

West street, between last one on said street and Reading line, to Wilmington line, 4 lights.

Willow street, between Lowell street and B. & M. R.R. crossing, 2 lights.

Art. 9. On motion of Carl M. Spencer it was voted that the subject matter of Article 9 be referred to the Municipal Light Board with authority to install such lights as in their judgment are necessary and to make such changes in the existing lights as may be advisable; that the sum of eleven hundred fifty (\$1150) dollars be raised and appropriated, and this sum, together with the unexpended balance December 31, 1912, of four hundred nine dollars and ninety-three cents (\$409.93) be appropriated for the above purpose, in accordance with the recommendation of the Finance Committee.

Art. 10. To see if the Town will vote to instruct the Municipal Light Board to change the arc light at Main and

Hopkins streets, from its present location to the southeast corner of said streets, and to install the two incandescent lights on the easterly side of Hopkins street, as provided in the annual warrant of 1911, or what they will do in relation thereto.

Art. 10. On motion of Henry I. Laumann it was voted to raise and appropriate one hundred (\$100) dollars to change the arc light at Main and Hopkins streets from its present location to the southeast corner of said streets, and to install the two incandescent lights on the easterly side of Hopkins street.

Art. 11. To see if the Town will authorize the issue of Sewerage Bonds, under the provisions of Chapter 314, Acts of 1909, or what they will do in relation thereto.

Art. 11. Voted to lay on the table.

Art. 33. To see what amount of money the Town will raise and appropriate or otherwise provide for the purchase and development, or for the rental of a Playground, or what they will do in relation thereto.

Art. 33. Voted to take up.

Art. 33. On motion of James W. Killam it was voted to divide said article and to act on the portion calling for money to rent a Playground for the ensuing year.

On motion of James W. Killam it was voted to raise and appropriate three hundred forty-two (\$342) dollars for rent of Playground for ensuing year.

Art. 44. To see if the Town will raise and appropriate the sum of two hundred (\$200) dollars for electricity to illuminate the Old South clock, or what they will do in relation thereto.

Art. 44. Voted to take up.

Art. 44. On motion of George L. Pratt it was voted to appropriate two hundred (\$200) dollars from the Miscellaneous Account for electricity to illuminate the Old South clock.

Art. 45. To see if the Town will raise and appropriate the sum of fifty (\$50) dollars for the care of the Old South clock, or what they will do in relation thereto.

Art. 45. On motion of Edwin L. Hutchinson it was voted to appropriate fifty (\$50) dollars from Miscellaneous Account for the care of the Old South clock for the ensuing year.

It was then voted to adjourn to Monday, April 7, 1913, at seven o'clock and forty-five minutes P. M., to meet in Lyceum Hall.

MILLARD F. CHARLES,  
Town Clerk.

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LYCEUM HALL, READING, MASS., April 7, 1913.

Pursuant to adjournment, a town meeting was held at the time and place specified and was called to order by the Moderator, George L. Flint.

Art. 13. To see if the Town will raise and appropriate or otherwise provide three hundred fifty (\$350) dollars to construct a catch-basin at the corner of Prescott and Pratt streets, and lay a drain from there to the ditch that runs under Prescott street at the Sunnyside Nursery, or what they will do in relation thereto.

Art. 13. On motion of Edwin L. Hutchinson it was voted to raise and appropriate three hundred fifty (\$350) dollars to construct a catch basin at the corner of Prescott and Pratt streets, and lay a drain from there to the ditch that runs under Prescott street at the Sunnyside Nursery.

Art. 14. To see if the Town will raise and appropriate or otherwise provide the sum of one thousand seven hundred (\$1700) dollars for the purpose of installing sanitary toilets in the Centre School building, or what they will do in relation thereto.



Art. 14. On motion of Edwin L. Hutchinson it was voted to raise and appropriate seventeen hundred (\$1700) dollars to provide sanitary toilets in the Centre School building.

Art. 15. To see if the Town will raise and appropriate the sum of fifty (\$50) dollars for a platform scale for the use of the Sealer of Weights and Measures, or what they will do in relation thereto.

Art. 15. On motion of Edwin L. Hutchinson it was voted to appropriate from Miscellaneous Expense Account fifty (\$50) dollars for a platform scale for use by Sealer of Weights and Measures.

Art. 16. On motion of Willie E. Twombly it was voted to indefinitely postpone the article.

Art. 17. To see if the Town will authorize the Board of Water Commissioners to extend the water main on Main street to the Stoneham line, and provide suitable hydrants for the protection of property in that section against fire, and how much money they will raise and appropriate for that purpose, or what they will do in relation thereto.

Art. 17. The motion of James W. Killam to raise and appropriate two thousand (\$2000) dollars to put water pipes in Main street, from South street to Stoneham line, was not voted.

On motion of A. Newell Howes it was voted to instruct the Water Commissioners to put water pipe to the Adolph Larson place.

Art. 18. To see if the Town will raise and appropriate five hundred (\$500) dollars to build a sidewalk on the west side of Main street, from South street to the Stoneham line, or what they will do in relation thereto.

Art. 18. On motion of Wilder C. Moulton it was voted to raise and appropriate five hundred (\$500) dollars to put a sidewalk on the west side of Main street, from South street to the Stoneham line.



Art. 19. To see if the Town will raise and appropriate a sum sufficient to take care of surface water on West street, in front of the property of one Knowles, or what they will do in relation thereto.

Art. 19. On motion of E. L. Hutchinson it was voted to refer the subject matter of this article to the Board of Selectmen with full power.

Art. 20. To see if the Town will accept the provisions of Chapter 635, Acts of 1912, entitled the "Tenement House Act for Towns," or what they will do in relation thereto.

Art. 20. Voted to lay on the table.

Art. 24. To see if the Town will authorize the payment of forty-one (\$41) dollars for medical services for a Civil War veteran and thirty-one (\$31) dollars for board of same and nurse from 3 May to 11 May, 1911, the said amounts to be taken from the Soldiers' Relief appropriation, or what they will do in relation thereto.

On motion of Edwin L. Hutchinson it was voted to refer the subject matter of this article to the Board of Selectmen with full power.

Art. 25. To see if the Town will vote to elect its Selectmen and Overseers of the Poor by the following method, namely: at the annual town meeting in March, 1914, the Town shall elect one Selectman and one Overseer of the Poor for the term of one year, one Selectman and one Overseer of the Poor for the term of two years, and one Selectman and one Overseer of the Poor for the term of three years, and at each annual meeting thereafter it shall elect one Selectman and one Overseer of the Poor for the term of three years, or what they will do in relation thereto.

Art. 25. It was moved by Lewis M. Bancroft to adopt this article. The motion was not carried.

Art. 26. To see if the Town will raise and appropriate the sum of four hundred fifty (\$450) dollars to pipe the ditch from John street through land of Galen A. Parker, E.

L. Chamberlain, Captain Fullerton and Charles H. Hapgood, or what they will do in relation thereto.

Art. 26. It was voted to indefinitely postpone.

Art. 27. To see if the Town will vote to pay the Police three (\$3) dollars per day, or what they will do in relation thereto.

Art. 27. It was voted to pass over.

Art. 28. To see how much money the Town will raise and appropriate for repairs on the Central Fire Station, or what they will do in relation thereto.

Art. 28. On motion of Orville O. Ordway it was voted to raise and appropriate five hundred fifty (\$550) dollars for repairs of the Central Fire Station.

Art. 29. To see if the Town will raise and appropriate the sum of two hundred dollars (\$200) for the purpose of giving a series of band concerts, or what they will do in relation thereto.

Art. 29. On motion of A. Newell Howes it was voted to raise and appropriate two hundred (\$200) dollars for band concerts.

Art. 30. To see if the Town will raise and appropriate the sum of one thousand (\$1000) dollars for the purpose of installing sanitary toilets in the Chestnut Hill School building, or what they will do in relation thereto.

Art. 30. On motion of A. Newell Howes it was voted to appropriate from the Overlay Account one thousand (\$1000) dollars to put in sanitary toilets in the Chestnut Hill School building.

Art. 31. To see if the Town will raise and appropriate or otherwise provide the sum of one hundred and fifty (\$150) dollars to drain the water from the lot on the northwest corner of Bancroft avenue and Middlesex avenue, or what they will do in relation thereto.

Art. 31. On motion of Millard F. Charles it was voted

to refer the subject matter of this article to the Board of Selectmen.

Art. 32. To see if the Town will raise and appropriate the sum of eighty (\$80) dollars to install a fire alarm box on Lowell street, opposite the residence of Herbert W. Carnes, or what they will do in relation thereto.

Art. 32. On motion of Edwin L. Hutchinson it was voted to appropriate eighty (\$80) dollars from the amount raised for the Fire Department to install a fire alarm box opposite the residence of Herbert W. Carnes, on Lowell street.

Art. 34. To see if the town will vote to reappoint the Committee on Playgrounds for the ensuing year, or what they will do in relation thereto.

Art. 34. Voted to lay this article on the table.

Art. 35. To see if the Town will release to Frederick W. Cail the lot of land at the northeast corner of Summer avenue and Woodbine street, forming a part of his estate, which has been taken by the Town for taxes for the years 1908 and 1909, erroneously assessed to one Willard J. Brooks, the said Cail having been assessed and paid his taxes upon the same property, or what they will do in relation thereto.

Art. 35. On motion of Solon Bancroft, it was voted to instruct the Collector of Taxes to release the property of Frederick W. Cail taken for taxes in the years 1908-1909, and that the amount of money necessary be appropriated from the Overlay Account.

Art. 34. Voted to take from the table.

Art. 34. On motion of Harry P. Bosson it was voted that the Town instruct the Board of Selectmen to appoint a Playground Commission as provided in Chapter 508 of the Acts of 1910.

Art. 36. To see if the Town will accept the provisions of Chapter 191, Acts of 1907, entitled—an act to authorize

the establishment of Boards of Survey in Towns, or what they will do in relation thereto.

Art. 36. On motion of Edwin L. Hutchinson it was voted to accept the provisions of Chapter 191, Acts of 1907, authorizing a Board of Survey for this Town.

Art. 37. To see if the Town will raise and appropriate the sum of five hundred (\$500) dollars to continue the work of surveying the several lots of land and making plans thereof for the Board of Assessors, or what they will do in relation thereto.

Art. 37. On motion of Edwin L. Hutchinson it was voted to raise and appropriate five hundred (\$500) dollars to continue the work of surveying the lots of the Town for use of the Board of Assessors.

Art. 38. To see if the Town will raise and appropriate a sum sufficient to drain surface water on Warren and Centre avenues, or what they will do in relation thereto.

Art. 38. On motion of Edwin L. Hutchinson it was voted to refer the subject matter of this article to the Board of Selectmen and the amount of money necessary to repair same be taken from appropriation for Highways, Bridges, etc.

Art. 39. To hear and act on the report of the Selectmen on the laying out of Dudley street and to determine if the Town will raise and appropriate the sum of two hundred (\$200) dollars for the purpose, or what they will do in relation thereto.

Art. 39. On motion of Edwin L. Hutchinson the report of the Selectmen on the laying out of Dudley street was read:

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for use of the Town as a public way described as follows:

Beginning on the easterly side of High street at land of Amanda J. Hunt and land used as a public way, then the line runs south 85 degrees 10 minutes east along land of said

Hunt and others across the end of Grand street and Deering street seven hundred seventy-nine and seventeen one-hundredths (779.17) feet to the westerly side of School street.

Said way is to be fifty feet wide and laid on the southerly side of the above described line. We have rounded the corner of High street at land of Betsey E. Bancroft, with tangents of five feet and six and thirty-six one-hundredths (6.36) feet. We would recommend that this way be called Dudley street.

The above mentioned way is to conform to the lines shown in red on a plan made by James A. Bancroft, dated February 15, 1911, which is to be considered a part of this report, and when this report is accepted and adopted by the Town the said way shall thereafter be known as a public town way.

ALVAH W. CLARK  
EDWIN L. HUTCHINSON  
FREDERIC D. MERRILL  
Selectmen of Reading

February 15, 1913.

On motion of Edwin L. Hutchinson it was voted to accept report of Selectmen and adopt their recommendation, and that the sum of twelve hundred (\$1200) dollars be raised to grade Dudley street.

Art. 40. To hear and act on the report of the Selectmen on the laying out of Copeland avenue and Perkins avenue.

Art. 40.

REPORT OF THE SELECTMEN ON THE LAYING OUT OF  
COPELAND AVENUE

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested have laid out for use of the Town as a public way described as follows:— Copeland avenue, being a certain street situated in the westerly part of the Town of Reading, Mass., extending from Prescott street extension to Woburn street and being bounded and



described as follows, viz.: The easterly side of said street commencing at a stake on the northerly side of said Prescott street extension, said stake being south 70 degrees 17 minutes west, a distance of two hundred fifty-one and fifty-five one-hundredths (251.55) feet from the westerly side line of Summer avenue, thence the line runs north 17 degrees 58 minutes west, a distance of six hundred nine and fifty-five one-hundredths (609.55) feet to a spike on the southerly side of Woburn street, said spike being south 63 degrees 42 minutes west, a distance of one hundred thirty-two feet from the stone bound which marks the first angle point on the southerly side of said Woburn street west of Summer avenue. The westerly side of said Copeland avenue being parallel to and forty-five (45) feet west of the above described easterly line.

We would recommend that this way be called Copeland avenue. The above mentioned way is to conform to the lines shown in red on a plan made by James A. Bancroft, C. E., dated September, 1912, which is to be considered a part of this report, and when this report is accepted and adopted by the Town the said way shall thereafter be known as a public town way.

ALVAH W. CLARK  
EDWIN L. HUTCHINSON  
FREDERIC D. MERRILL

Selectmen of Reading.

February 15, 1913.

#### REPORT OF THE SELECTMEN ON THE LAYING OUT OF, PERKINS AVENUE

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested have laid out for use of the Town as a public way, described as follows: Perkins avenue, being a certain street situated in the westerly part of Reading, Mass., extending from Prescott street extension to Woburn street and being bounded and described as fol-



lows, viz.: the easterly side of said street commences at a stake on the northerly line of said Prescott street extension, said stake being south 70 degrees 17 minutes west, a distance of four hundred ninety-six and sixty-seven one-hundredths (496.67) feet from the westerly side of Summer avenue, thence the line runs north 17 degrees 58 minutes west, a distance of five hundred seventy-six and ninety-four one-hundredths (576.94) feet to a stake on the southerly side of Woburn street, said stake being south 63 degrees 42 minutes west, a distance of three hundred seventy-nine and sixty one-hundredths (379.60) feet from the stone bound which marks the first angle point, on the southerly side of said Woburn street west of Summer avenue. The westerly side of said Perkins avenue being parallel to and forty-one feet west of the above described easterly line. The attached plan made by James A. Bancroft, Civil Engineer, dated October, 1912, being a part of this report.

We would recommend that the way be called Perkins avenue. The above mentioned way is to conform to the lines shown in red on a plan made by James A. Bancroft, dated October, 1912, which is to be considered a part of this report, and when this report is accepted and adopted by the Town the said way shall thereafter be known as a public town way.

ALVAH W. CLARK  
EDWIN L. HUTCHINSON  
FREDERIC D. MERRILL

Selectmen of Reading.

On motion of Edwin L. Hutchinson it was voted to accept the report of the Selectmen on the laying out of Copeland avenue and Perkins avenue, and adopt their recommendations.

Art. 42. To see if the Town will raise and appropriate the sum of fifty dollars (\$50) to furnish electricity for lighting G. A. R. Hall, Haven street, or what they will do in relation thereto.

Art. 42. Voted to appropriate fifty (\$50) dollars to furnish electricity for lighting G. A. R. Hall, Haven street, to be taken from the Miscellaneous Account.

Art. 43. To see what instructions the Town will give the Board of Selectmen in relation to filling the vacancies on the Finance Committee.

Art. 43. On motion of Lewis M. Bancroft it was voted that the Selectmen be instructed to fill all vacancies on the Finance Committee and are hereby instructed to not appoint any member of a department or Town officer on said Finance Committee.

Art. 46. To hear and act on the report of Selectmen in relation to guide posts and determine if the Town will raise and appropriate or otherwise provide the sum of one hundred and fifty (\$150) dollars for repair of same.

READING, MASS., January 1, 1913.

Art. 46.

The Board of Selectmen make the following report on guide posts. They are maintained as follows:

Corner Walnut street and Summer avenue  
 “ Walnut and South streets  
 “ Main street and Summer avenue  
 “ Woburn street and Summer avenue  
 “ West street and Summer avenue (3)  
 “ West and Woburn streets (2)  
 “ Lowell and Willow streets (2)  
 “ Lowell and High streets  
 “ Lowell street and Middlesex avenue  
 “ Grove and Franklin streets  
 “ Main and Franklin streets  
 “ Mill and Short streets  
 “ Franklin and Haverhill streets (2)  
 “ Charles and Haverhill streets (2)  
 “ Haverhill and Pine streets  
 “ Pine and Salem streets  
 “ Charles and Pearl streets

- Corner Charles and Main streets (2)
- “ Main and Pearl streets
- “ Main and Salem streets
- “ Woburn and Lowell streets (2)
- “ Salem and Harnden streets
- “ Main and Pleasant streets
- “ Pleasant and Parker streets
- “ Haven and Village streets
- “ Main and Ash streets (2)

Harnden street near Pleasant street

Main street on Common

Salem and Lowell streets.

EDWIN L. HUTCHINSON,

ALVAH W. CLARK,

Selectmen of Reading.

Voted to accept report of Selectmen on guide posts, and to appropriate fifty (\$50) dollars from amount raised and appropriated for Highways, Bridges and Sidewalks for repair of guide posts the present year.

Art. 20. Voted to take from the table.

Art. 20. Voted to lay on the table until action has been taken on building laws.

Voted to adjourn, to meet in Lyceum Hall on Monday, April 14, 1913, at 7.45 P. M.

MILLARD F. CHARLES,

Town Clerk.

LYCEUM HALL, READING, April 14, 1913.

Pursuant to adjournment, a town meeting was held at time and place specified, and was called to order by the Moderator, George L. Flint.

Art. 5. Voted to take from the table.

On motion of Jesse W. Morton it was voted that the Selectmen be and hereby are instructed to compensate the

Moderator for his services at this meeting at the rate of ten dollars for the first three sessions and five dollars for each session thereafter, and to pay the same such amount as is necessary be transferred from amount raised for Miscellaneous Expenses to amount raised and appropriated for Moderator.

Art. 11. Voted to take from table.

It was moved by Henry R. Johnson that the Town Treasurer be and hereby is authorized to issue bonds of the Town for the aggregate principal sum of one hundred and twenty-five thousand (\$125,000) dollars, to pay the cost of a system of sewerage: said bonds shall be issued in accordance with the provisions of Chapter 314, Acts of 1909, shall be of the denomination of one thousand (\$1000) dollars each, shall bear on the face the words "Reading Sewerage Loan, Act of 1909," shall be numbered consecutively from one to one hundred and twenty-five inclusive, and shall be dated October 1, 1913. Payment of this loan of one hundred and twenty-five thousand (\$125,000) dollars is hereby provided for by such annual payments, beginning five years from the date of the loan, as will extinguish the loan within the time prescribed by the act and the amount required, less the amount that may be appropriated therefor, as provided under Section 8 of said Act shall be assessed without further vote as provided by Section 7 of said Act. The bonds shall bear interest at the rate of four per cent. per annum, payable semi-annually upon presentation of the proper coupons thereto attached.

Both principal and interest shall be paid at some bank or trust company in Boston, named in the bonds. Said bonds shall be signed by the Town Treasurer and countersigned by a majority of the Selectmen, and shall be sold by the Treasurer from time to time upon the request and with the approval of the Sewer Commissioners.

The motion was not carried. Forty-six voted in favor and fifty-two against said motion.

It was voted to adjourn, to meet in Lyceum Hall on Monday, April 21, 1913, at 7.45 P. M.

MILLARD F. CHARLES,  
Town Clerk.

LYCEUM HALL, READING, MASS., April 21, 1913.

Pursuant to adjournment, a town meeting was held at time and place specified and was called to order by the Moderator, George L. Flint.

Art. 4. Voted to take from the table.

On motion of Jesse W. Morton, it was voted that a Special Committee be appointed, consisting of the Sewer Commissioners, the Board of Selectmen, and three members of the Appropriation Committee, F. W. B. Pratt, Fred. L. Springford and John Connelly, to further consider the question of Sewerage and report in print at a special town meeting, to be called the latter part of September or early in October, 1913. Said report to be in the hands of the voters at least seven days prior to the date of said special meeting. The aforesaid committee to be empowered to employ an engineer and to fill all vacancies that may occur in its membership.

Art. 4. Voted to lay on the table.

Art. 6. Voted to take from the table.

On motion of John H. Sheldon it was voted to raise and appropriate seven hundred and fifty (\$750) dollars in addition to amount already raised and appropriated for Miscellaneous Expenses for use of Committee on Sewers.

Art. 6. Voted to lay on the table.

Art. 18. Voted to take up.

It was moved by Henry R. Johnson to reconsider action taken at a former meeting. The motion was lost.

Art. 4. Voted to take from table.



On motion of Henry R. Johnson it was voted to act on Building Laws as reported by Building Laws Committee one section at a time.

#### BY-LAWS FOR THE CONSTRUCTION OF BUILDINGS

Section 1. An Inspector of Buildings shall be appointed annually by the Selectmen during the month of March, for a term of one year or until his successor has been appointed and qualified. He shall be familiar with building construction and shall not be interested in any contract or engagement for furnishing labor or materials or plans for the construction or alteration of any building in the town.

Sect. 1. On motion of Harry P. Bosson it was voted to accept Section 1 as printed in report of committee.

Sect. 2. The Inspector shall examine all buildings in the course of construction, alteration and repair and see that all By-Laws of the Town in relation thereto are complied with and, when necessary, shall take proper measures to secure such compliance. He shall keep a record of the business of his office, make all returns required by law and shall make an annual report of his work to the Selectmen, with such recommendations as he may deem best. He shall perform such other duties as may be prescribed by these By-Laws.

None of the provisions of these By-Laws shall be construed so as to conflict with the requirements made by the District Police under the authority of Chapter 104, Revised Laws.

Sect. 3. This section was not adopted.

Sect. 4. It was voted to pass over.

#### INSPECTOR OF BUILDINGS

Sect. 5. The Inspector shall examine all buildings reported dangerous, or damaged by accident or fire, and make a record of such examination, including the nature and amount of such damage, with the location of the building, the name of the owner and lessee, and for what purpose



occupied, and report the facts to the Board of Selectmen, and for that purpose shall have the right of entry thereto.

Sect. 5. On motion of Jesse W. Morton it was voted to accept Section 5 as printed in report of committee.

#### BOARD OF APPEAL

Sect. 6. The Board of Selectmen shall annually appoint a committee of three citizens of Reading for the term of one year, or until their successors are appointed and qualified, to be called the Board of Appeal. In case of doubt as to the true meaning, intent or application of these building laws, either the Inspector or any one aggrieved by the ruling of the Inspector thereon may by petition bring the matter before said Board for determination. The Board shall thereupon give a hearing on such petition and determine the true intent, meaning and application of these By-Laws. A decision of a majority of said Board shall be binding on all parties affected thereby.

Sect. 6. On motion of Jesse W. Morton it was voted to accept Section 6 as printed in report of committee.

#### BUILDING LIMITATIONS

Sect. 7. No buildings, except a manufactory, railway station, stable, church, schoolhouse, hotel, garage or hall for public assemblies shall hereafter be erected, and no existing building shall be altered or added to, thereby giving it a frontage of more than fifty feet, without one or more partition walls of brick or some fire-resisting material, approved by the Inspector, extending from the bottom of the cellar, or from a foundation wall through the roof and projecting at least one foot. Such walls shall not be more than fifty feet apart throughout the length of the building. No existing building having a frontage of more than fifty feet shall be converted to a use not excepted by this section, without at least one partition wall, constructed as described in this section. Provided, however, that any single dwelling house intended for one family may be extended

more than fifty feet in one direction without such partition wall.

Sect. 7. On motion of Jesse W. Morton it was voted to accept Section 7 as in report of committee.

Sect. 8. All buildings hereafter erected of more than one story which are to be used in whole, or in part for business or manufacturing purposes, or as places for public meetings, including all the area within one hundred feet of the following described lines: on Haven street; on Main street, between Washington and Federal streets; on Salem, Pleasant and Union streets, as far as John street; on Woburn street east of the railroad; shall be constructed of brick, stone or concrete, and have slate metal or composition roof-covering and metal gutters, unless permission is otherwise given by the Board of Selectmen. And no such building shall be built in any part of the town without a permit from the Selectmen having been first obtained after a written notice of the application for such a permit having been given to all owners of land within three hundred feet of the proposed location for such building, giving such owners an opportunity to attend a hearing on the matter before the Selectmen; such hearing shall be held by said Board and shall be held not less than seven days after the giving of the notice aforesaid.

Sect. 8. On motion of Jesse W. Morton it was voted to adopt this section after amending by inserting the following: "this section shall apply only to buildings of more than one story."

Sect. 9. No wooden building, to be used for a dwelling house, shall exceed forty-five feet in height, and no wooden building shall be built the walls of which to the main cornice exceed thirty feet in height; and no portion of any wooden building shall be placed at a less distance than ten feet from the line of the lot upon which the building is to be located, or within twenty feet of another wooden building, except where a masonry external wall is substituted for

a wooden wall, and carried to under side of roof covering, and of a thickness and in a manner prescribed for external walls of brick buildings; openings in same to be provided with fire-proof shutters. A wall with coating of cement on wood frame shall not be considered a masonry wall.

Sect. 9. On motion of Jesse W. Morton it was voted to accept this section as reported by committee.

Sect. 10. Voted to lay on the table.

Sect. 11. Voted to lay on the table.

Sect. 12. Voted to lay on the table.

#### ROOF TIMBERS

Sect. 13. In buildings which are eighteen feet or more in width rafters for pitched roofs shall measure not less than two by six inches, and larger where deemed necessary by Inspector, and spaced not more than twenty inches on centres; in buildings which are less than eighteen feet in width the size of rafters may be determined by the Inspector. Valley rafters shall be of such sizes as the Inspector shall prescribe, having due regard to the length and the area of the roof to be supported, but in no case shall be less than two by eight inches; all timbers herein mentioned to be solid sticks excepting the plates, which may be in two pieces, each two by four inches, thoroughly spiked together.

Flat roofs shall be timbered the same as floors.

Sect. 13. On motion of Jesse W. Morton it was voted to accept this section as reported by committee.

#### DOUBLE HOUSES

Sect. 14. Every double house shall have a separating partition plastered on metal lath on both sides or wholly filled between the studs with brick and mortar or concrete up to the ceiling of the upper finished story and resting on an eight inch brick wall in the cellar.

Sect. 15. Every block of three or more dwelling houses

shall have a brick division wall at least eight inches thick between each two dwellings, said wall to extend up to the under side of the roof covering.

Sects. 14, 15. On motion of Jesse W. Morton it was voted to accept these sections as reported by committee.

#### PROJECTIONS

Sect. 16. No bay window or other structure, except a cornice, shall be placed upon any building so as to project over any public way or square without the permission of the Board of Selectmen, given after due notice and hearing, and then only in such manner as shall be approved by the Inspector.

Sect. 16. On motion of Jesse W. Morton it was voted to accept this section as reported by committee.

#### LEADERS AND SNOW BARRIERS

Sect. 17. Water from the roof of a building shall not be allowed to flow upon or across the surface of a sidewalk. No person shall permit a leader or conductor from the roof of a building owned by him to be so placed or maintained as to direct a volume of water upon or across the surface of a sidewalk.

Sect. 18. Every building erected upon the line or within eight feet of the line of any street or travelled way having a slated pitch roof, sloping toward said street or way, shall be provided with suitable snow barriers or guards to prevent the snow sliding therefrom.

Sects. 17, 18. On motion of Jesse W. Morton it was voted to accept these sections as reported by committee.

#### BRICK BUILDINGS

Sect. 19. In all two story buildings the brick external and division walls above ground, and in first story above basement, shall be at least twelve inches thick, and at least eight inches thick in the second story, but no eight inch

wall shall be more than twenty feet long without adequate lateral support.

Sect. 19. On motion of Jesse W. Morton it was voted to accept this section as reported by committee.

Sect. 20. Provided, however, that dwelling houses of not over two and one-half stories may have ten inches hollow walls bonded every two feet in length and every five courses in height with metal or brick ties. Wherever joists are built into the wall it shall be solidly bonded with brick for three courses below the joist.

Sect. 20. On motion of Jesse W. Morton it was voted to accept this section as reported by committee.

Sect. 21. In all buildings of more than two stories the brick external and division walls shall not be less than twelve inches thick throughout the three upper stories and throughout every two stories below shall be four inches thicker than the wall directly above. Not more than twelve feet shall be counted as a story.

Sect. 22. Vaulted walls shall contain, exclusive of widths, the same amount of material required for solid walls and be tied together with ties not more than two feet apart every five courses.

Sect. 23. The walls of brick buildings, except dwelling houses, shall be anchored to each other at all corners every ten feet in their height by tie anchors made of at least one and one-quarter inch by three-eighths of an inch wrought iron.

Sect. 24. Each floor and also the roof of all masonry buildings, except dwelling houses, shall have its beams so tied to the walls and to each other with wrought iron straps or anchors, at least one and one-quarter inches by three-eighths of an inch in section, as to form continuous ties across the building not more than eight feet apart. The walls running parallel with the floor joist shall be properly tied to the floor beams once in eight feet by iron straps or anchors of the size above specified.



Sect. 25. No opening or doorway shall be cut through or formed in a party or partition wall of any building without a permit from the Inspector of Buildings, and every such doorway shall have its top, bottom and sides of stone, brick or iron, and shall be closed by two doors or sets of doors or wood, covered with metal, with an air space between them of at least four inches, and said doors shall be hung to slide or swing in wooden frames entirely covered with metal, or to iron hinges or track in brick or stone rabbets.

#### PIERS AND COLUMNS

Sect. 26. All brick piers shall be built of the best quality of good well-burnt hard brick, laid in cement and sand mortar and well wet when laid in warm weather. Brick piers under lintels, girders or columns of brick buildings shall have a properly proportioned cap of stone, cast iron or steel, the full size of the pier; said cap to be approved by the Inspector. Brick piers and buttresses shall be bonded with through courses, levelled and bedded each course.

Sect. 27. Every pier, column, pillar or post resting on the earth shall have a base course of stone or concrete and, if supporting walls of masonry, shall have for a footing course a broad leveller of granite or ledge stone not less than twelve inches wider on all sides than the bottom area of said piers, columns, pillars or posts and not less than twelve inches thick; and every column carrying superimposed columns or girders shall have suitable caps and base plates and connections of iron or steel, with proper lugs, sockets, etc. Where foundations rest upon piles a sufficient number shall be driven to insure a proper support.

#### FLOOR LOADS

Sect. 28. All new or renewed floors shall be so constructed as to carry safely the weight to which the proposed use of the building will subject them, but the least capacity



per superficial square foot exclusive of materials, shall be for floors of

Dwellings . . . . .	40 lbs.
Schoolhouses and offices . . .	60 lbs.
Stores and buildings for light mechanical purposes . . .	120 lbs.
Public and school assembly rooms	120 lbs.
Storehouses, manufactories, machine shops . . . . .	120 to 250 lbs.
as may be required by the Inspector	
For flat roofs . . . . .	40 lbs.
For fire escapes . . . . .	70 lbs.

The loads not included in this classification shall be determined by the Inspector.

The full floor load specified in this section shall be included in proportioning all parts of buildings designed for warehouses or for heavy mercantile and manufacturing purposes. In other buildings, however, reductions may be allowed as follows: for girders carrying more than one hundred square feet of floor, the live load may be reduced ten per cent. For columns, piers, walls and other parts carrying two floors, a reduction of fifteen per cent. of the total live load may be made. Where three floors are carried, the total live load may be reduced by twenty per cent.; four floors, twenty-five per cent.; five floors, thirty per cent.; six floors, thirty-five per cent.

The Inspector may prescribe the maximum loads which may be imposed upon the floors of the existing buildings.

Sect. 29. The ends of all floor beams of a brick building shall enter the wall at least four inches and shall be cut with a splay of three inches in their width, or shall be carried by some approved form of joist hanger.

Sect. 30. Roof or floor timbers entering a division wall from opposite sides shall have at least four inches of solid brick work between them.

## FIRE GUARDS

Sect. 31. The six following sections shall apply to every tenement or apartment house, and to every building to be used as an hotel, lodging or boarding house with accommodations for more than ten lodgers, above the first floor, and to every building of more than one story within the building limits.

Sect. 32. The inside of all furred brick walls shall have a fire stop at least six inches wide of some incombustible material, thoroughly set up between furrings at the top and bottom of each floor.

Sect. 33. All stud walls and partitions shall have the space between the floor joists immediately under said walls and partitions, and between studs from the under side of said floor joist to a line four inches above the top of said joist, filled solidly with brick and mortar, or some other incombustible material. If such stud wall and partitions shall rest on a solid timber or joist, said filling shall be placed from the top of said timber or joist to the same height as above described. Where there is no wall or partition below, a strap of metal two inches wider than the said stud-  
ding may be substituted for the filling above described.

Sect. 34. All air spaces around chimneys, pipes, shafts, etc., and all other spaces which form concealed air passages from one story to another shall have similar fire stops at each story.

Sect. 35. All ducts, chutes and shafts for ventilation or other purposes, shall be of, or lined with, incombustible material.

Sect. 36. The spaces between stringers of all wooden staircases, unless said stringers are left exposed, shall be closed at intervals not exceeding four feet by substantial stops of incombustible material. The soffits of wooden stairs, if plastered, and the ceilings in and under staircase halls shall be plastered on metal lath.

Voted to adopt the above sections, 21 to 36 inclusive.

Sect. 37. Voted to pass over.

#### CHIMNEYS AND HEATING APPARATUS

Sect. 38. All chimneys hereafter erected shall be built from the ground of brick, stone or other fire-proof, non-heat-conducting materials, and shall be built plumb, or nearly so, so as to be self-sustaining; provided, however, that brick flues may be securely built into the brick work of the walls of the building to which they are hung, when the walls are not less than twelve inches thick and provided also, that upon special permission, first obtained from the Inspector, other forms of support may be used with such special safeguard as he may require, and provided, also, that the matter of construction of chimneys in small wooden buildings, other than dwelling houses, not more than one story and one-half in height, shall be left to the decision of the Inspector of Buildings, but must be constructed in accordance with his instructions and to his satisfaction.

Sect. 39. All brick chimneys shall be built of hard burned brick plastered outside below the roofing after having been examined and approved by the Inspector of Buildings, except that exposed portions of said chimneys may be left unplastered upon the outside. Said chimneys shall be topped out with brick or stone, laid in cement, and the topping out shall not have more than two inches projection unless the bricks are covered by a cap of stone or other non-combustible material, in one piece, properly secured, and approved by the Inspector; and in no case shall a nail be driven into the masonry of any flue. All chimneys with exterior walls less than eight inches thick shall be lined with vitrified clay flue lining.

Sect. 40. All chimneys shall be topped out at least two feet above the highest part of the roof to which they belong or three feet above a flat roof. No structural wood work of

any kind shall be placed at a less distance than one inch from the outside of any chimney.

Sect. 41. No smoke pipe in any building with wooden or combustible floors or ceilings shall hereafter enter any flue except at a distance not less than twelve inches from said floor or ceiling or projecting beams; and in all cases where smoke pipes pass through stud or wooden partitions of any kind, whether the same be plastered or not, they shall be guarded by a soapstone ring having a thickness radial to said pipe of not less than two inches, and extending through said partition, and in cases where smoke pipes pass through woodwork of any kind in such near proximity to the brickwork of the flue that the space between said woodwork and flue is inaccessible, said pipe shall be guarded by a soapstone ring or thimble, or its equivalent, having a thickness of at least two inches, and extending from the outer face of said woodwork to a point at least two inches within the brickwork of the flue, in which it shall be firmly set.

Sect. 42. All smoke pipes passing through closets shall be enclosed in metal pipes with ventilated air space of at least two inches all around. No earthenware pipes shall be used for horizontal flues, and no earthenware pipes shall be used for vertical flues except in one story structures and then only with the permission of the Inspector. No woodwork shall be placed at a less distance than six inches from any metal flue or smoke pipe. Provided, however, that such floors, ceilings or beams may be protected by a tin shield suspended at least two inches below said floors, ceilings or beams, in which case the pipe may be placed within eight inches of ceiling, floor or beams.

Sect. 43. All hearths shall be supported upon trimmer arches of brick or stone, or upon bars of iron supporting a bed of brickwork and shall be at least twelve inches longer than the width of the fireplace openings and at least eighteen inches wide in front of the chimney breast. Wooden center-

ing supporting a trimmer arch shall be removed before plastering.

Sect. 44. Brickwork of all grates, fireplaces and ranges shall be not less than eight inches thick, and when it adjoins a wooden or stud partition shall have at least two four-inch walls, with at least two-inch air space between. No woodwork shall be secured to the brickwork of any flue. Open fireplaces shall have fireproof foundations.

Sect. 45*a*. No furnace, boiler or range set in masonry shall hereafter be placed, or its location changed in any building, without a permit from the Inspector of Buildings, who shall prescribe such regulations for the setting or placing thereof as in his judgment the public safety may require. No portable furnace or boiler shall be set on a floor of incombustible material.

*b*. The top of every heating furnace or steam boiler shall be kept at least one foot below the lowest part of the ceiling or floor next above it, and such protective covering shall be placed on such ceiling as the Inspector may require.

*c*. Registers connected with hot-air furnaces shall be set in non-conducting, incombustible borders, at least two inches wide. Register boxes shall be made of metal, with a flange on the top to fit a groove in the border, and shall have a one-inch air space all around.

*d*. Furnace or other pipes conveying heated air shall be of tin plate or its equal, and, except those from hot water or steam radiators, in partitions or between floors, shall be double with a free air space between, and elsewhere shall be kept at least one inch away from any woodwork.

*e*. No wooden flue or air duct of any description can be used for heating or ventilating purposes.

*f*. A space of at least one inch to be left between all woodwork and the chimneys, with the exception of floor timbers, which shall be not less than two inches from chimneys, also around all hot-air, steam and hot-water pipes;



these spaces around chimneys and pipes where they pass through the floors to be stopped with metal or other fire-proof material, smoke tight. Steam and hot-water pipes to have metal sleeves and collars.

*g.* All channels and pockets for gas, water and soil pipes to be made smoke-tight at each floor.

*h.* Where a building is occupied above the first floor for tenement or a lodging house and the lower story is occupied for stores or other purposes not connected with the upper floors, the stairways leading to such upper floors must be enclosed with brick walls or with wooden partitions filled solid with brick laid in mortar, or other fireproof material, and plastered on both sides on metallic lathing, and all doors in such partitions covered with tin plate, lock-jointed.

#### STEAM PIPES

Sect. 46. Steam-pipes shall be kept at least one inch from all woodwork or shall be protected by an incombustible ring or tube, or rest on iron supports, with air space of at least one-half inch all around, and when passing through partitions or floors shall be surrounded by incombustible funnels at least three-quarters of an inch larger in diameter than the pipes.

#### NOTICE OF UNSAFE CHIMNEYS

Sect. 47. If any chimney, flue or heating apparatus shall be found by the Inspector to be unsafe, he shall at once notify in writing the owner, agent, or other party having an interest in said premises, who, upon receiving said notice, shall make the same safe.

#### BOILER ROOMS

Sect. 48. Rooms for power boilers shall be enclosed in brick, stone or concrete walls. Roofs or floors over such rooms or houses shall be made of iron, or masonry arches or slabs, or, if of wood, shall be protected with fireproof tile or plastered on metal lath. All doors leading to such boiler rooms shall be covered with metal. The ceilings over all

other stationery boilers, except those used for heating dwelling houses, shall be plastered on metal lath or covered with metal.

Sect. 49. The floors of rooms containing stationary boilers shall be made of incombustible materials for at least five feet in front, and for a suitable distance on the sides and rear. Wooden floors under portable boilers shall be protected by incombustible materials.

#### FLOOR AREAS

Sect. 50. In all non-fireproof stores, warehouse and manufacturing buildings not adequately equipped with a system of automatic sprinklers in conformity to the rules of the National Board of Fire Underwriters, no single floor area between brick walls of a thickness corresponding to the main bearing walls shall exceed 7500 square feet; and no wall or part of wall in any existing building, nor in any building hereafter erected, shall be removed to produce a larger area unless so equipped. Openings in the brick fire walls of buildings of the class above mentioned shall in no case exceed eight feet in width, nor ten feet in height, and above each such opening there shall be a curtain wall of at least two feet between the top of the opening and the ceiling line. Openings shall be provided with approved automatic, self-closing, standard, fireproof doors on both sides of the wall.

#### SPECIAL CONSTRUCTION

Sect. 52. The erection of any building of a kind obviously not contemplated by the preceding sections of these By-Laws shall be subject to such analogous restrictions as the Inspector may require.

Sect. 53. The use of various forms of masonry construction such as concrete, concrete blocks, terra cotta or hollow tile blocks, etc., not expressly provided for in this By-Law shall be subject to such restriction as the Inspector may require in order to conform to the standard of strength and safety otherwise required by this By-Law.

## SAFEGUARDS DURING BUILDING OPERATIONS

Sect. 54. Whenever any person is about to erect or alter the exterior walls of a building, within five feet of the line of a street, he shall cause the portion of the site of the building bordering upon the street to be enclosed by a proper fence not less than four feet high and at least five feet from the line of such building; and the fence shall be made as much higher as the Inspector of Buildings shall direct, and the same shall be maintained until all liability to accident from falling material ceases; he shall also maintain a proper walk satisfactory to the Inspector, around said fence, as long as the sidewalk is obstructed, and he shall maintain proper lights, if so required by the Inspector, at both ends of such enclosed space from sunset to sunrise. In erecting any building, no person shall place, deposit or suffer to remain in any street or highway, any lumber or other building material, rubbish, or remains of any old building for a longer period than may be necessary for the work which may be going on: and in case such material, rubbish or remains of an old building shall necessarily remain after dark, a sufficient light shall be placed over or near the same, and kept from sunset to sunrise. All rubbish from the erecting or repairing of any building or the removal of an old building, shall be carried away by the person so erecting, repairing or removing such building, at such time as the superintendent of streets may direct; and in case of neglect or refusal so to do, it shall be removed by the superintendent of streets, at the expense of such person. Any person violating any provision of this section shall be liable to a penalty of five dollars.

Sect. 55. All questions as to the intent and meaning of the By-Laws relating to the construction of buildings shall be decided by the Inspector.

Sect. 56. In these By-Laws the following terms shall have the meanings respectively assigned to them:—

“Alteration” means any change or addition.

“Cellar” means a basement or lower story, of which one-half or more of the height from the floor to the ceiling is below the level of the street, if adjoining, or if not on a street, below the average grade of the ground outside the wall.

“Foundation wall” means that portion of any external wall below the level of the street curb, or, if not on a street, below the grade of the ground outside the wall and that portion of any partition or party wall below the basement floor.

“Party wall” means every wall built in order to be used as a separation of two or more buildings.

“Partition wall” means any interior wall of masonry in a building.

“External wall” means every outer wall or vertical inclosure, except a party wall of any building.

“Height” of a building means the distance from top of outside foundation wall to the highest part of the roof.

“Tenement” or “apartment house” means any building for three or more families or for two or more families where the building is in part for mercantile or manufacturing purposes.

“Inspector” means the inspector of buildings appointed under Section 1 of this By-Law.

“Building limits” means the building of fire limits heretofore prescribed or which may from time to time be prescribed by the town.

“Chimney” shall apply to any permanent or fixed flues or passages built into any building for conveying away the products of combustion from furnaces, stoves, boilers, ranges or fireplaces.

“Repairs” means the reconstruction or renewal of any existing part of a building or of its fixtures or appurtenances by which the strength or fire risk is not effected or modified, and not made in the opinion of the Inspector for the purposes of converting the building in whole or in part to a new use.

"Thickness" of a wall means the minimum of thickness of such wall.

"Persons" shall mean individuals, co-partnerships or corporations.

#### PENALTY FOR VIOLATION

Sect. 57. Whoever violates any of the provisions of the preceding sections of this By-Law shall be punished by a fine not exceeding one hundred dollars for each offence, to be paid into the treasury of the town of Reading.

Sect. 58. The provisions of these By-Laws shall not apply to buildings and structures owned or occupied by the United States or by the State of Massachusetts nor to bridges..

On motion of Jesse W. Morton, it was voted to accept sections 38 to 58 inclusive as reported by committee.

Art. 4. It was voted to take from the table.

Art. 4. It was voted to accept report of Town Officers as presented in the Annual Town Report.

MILLARD F. CHARLES,

Town Clerk.

Voted to adjourn.

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### TOWN WARRANT

SPECIAL TOWN MEETING, MONDAY, AUGUST 18, 1913

COMMONWEALTH OF MASSACHUSETTS, MIDDLESEX SS.

To either of the Constables of the Town of Reading, Greeting:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Reading, qualified to vote in elections and Town affairs, to meet in Lyceum Hall, in said Reading, on Monday,



the eighteenth day of August, A. D. 1913, at eight o'clock in the evening, to act on the following articles, viz.:

Art. 1. To choose a Moderator to preside at said meeting.

Art. 2. So see if the Town will authorize the Board of Selectmen to expend on Haverhill street the sum of one thousand (\$1000) dollars which was raised and appropriated at the annual town meeting.

Art. 3. To see if the Town will authorize the Board of Selectmen to expend on West street the sum of one thousand (\$1000) dollars which was raised and appropriated at the annual town meeting.

Art. 4. To see if the Town will authorize the Municipal Light Board to purchase and install additional machinery and equipment at the electric light and power station, and raise and appropriate or otherwise provide a suitable sum of money therefor, or what they will do in relation thereto.

Art. 5. To see what instruction the Town will give the Board of Selectmen in regard to a petition received by them which concerns the abolition of grade crossings in the Town.

Art. 6. To hear and act on the report of the Playground Commission.

Art. 7. To see what instructions the Town will give the Town Officers.

Hereof fail not and make due return of this warrant, with your doings thereon, to the Town Clerk, on or before the time appointed for said meeting.

Given under our hand this eighth day of August, A. D. 1913.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.

## CONSTABLE'S RETURN

READING, August 11, 1913.

By virtue of this within warrant I have this day notified and warned the inhabitants of the Town of Reading qualified to vote in elections and Town affairs, to meet in the place and at the time within specified by posting attested copies of the same in the following public places in the Town of Reading, namely: George Horrocks' store, Willis' drug store, Post Office, Lyceum Hall Building, Fred Wallace's store, Danforth's drug store, Badger's real estate office, Main street barber shop, Town Building, Moran's barber shop, Austin's lunch cart, Morse's lunch room, Salem street garage, Pierce's organ pipe factory, Chapin's garage, Cummings' express office, Myers' lunch room, Reading depot, Hancock engine house, the same being more than seven days before the return hour thereof, and causing the same to be published in the Reading Chronicle, issue of August 15, 1913, the same being more than one day before the return hour thereof.

ARDINE M. ALLEN,

Constable of Reading.

Pursuant to the foregoing warrant and the Constable's return thereon a town meeting was held at the time and place therein mentioned and was called to order by the Town Clerk, Millard F. Charles. The warrant was read and the Constable's return thereon.

Art. 1. Proceeded under this Article to elect a Moderator to preside at this meeting. The ballot was duly opened and closed with the following result. Whole number of votes cast, one. George L. Flint had that one and was declared elected Moderator.

Art. 2. On motion of Edwin L. Hutchinson it was voted to authorize the Selectmen to expend one thousand (\$1000) dollars on Haverhill street which was raised and appropriated at the annual town meeting.

Art. 3. On motion of Edwin L. Hutchinson it was voted to authorize the Selectmen to expend one thousand (\$1000) dollars on West street which was raised and appropriated at the annual town meeting.

Art. 6. Voted to take up.

Art. 6. Report of Playground Commission.

READING, AUGUST 15, 1913.

The Playground Commission recommends that the Town buy the fifteen more or less acres of Mr. S. E. Claggett for playground uses at once. This lot can be bought for six thousand (\$6000) dollars and the Commission has an option at that price till the 15th of September next. The Commission also recommends that the forty acres of meadow land extending from Eaton street and John street, opposite the car barns, to the Wakefield line be bought at a cost of three thousand five hundred (\$3500) dollars. When the Town owns this land it can be developed gradually as the Town sees fit.

HARRY P. BOSSON, Chairman,  
CHARLES E. RECK, Secretary.

On motion of Harry P. Bosson it was voted that the report of the Playground Commission be adopted and that the Selectmen be instructed to put in the warrant of the next town meeting such articles as are necessary to carry out the recommendations.

Art. 4. On motion of Carl M. Spencer it was voted that the Municipal Light Board be authorized and instructed to purchase and install at the Electric Light and Power Plant on Ash street, one 500 K. W. high pressure turbine, two condensers and a cooling pond for condensing water, in accordance with the recommendation of John A. Stevens, Consulting Engineer; and in order to provide the necessary funds for the same, the Town Treasurer, with the approval of the Board of Selectmen, be authorized to issue notes,

bonds or other certificates of indebtedness of the Town for an amount not exceeding twenty-three thousand five hundred (\$23,500) dollars in denominations of five hundred (\$500) dollars each, payable fifteen hundred (\$1500) dollars annually for nine years from 1914 to 1922, both inclusive, and one thousand (\$1000) dollars annually for ten years, from 1923 to 1932, both inclusive, and bearing interest at a rate not exceeding five per cent. payable semi-annually.

Seventy-two voted in favor, sixteen voted against; whole number of voters present, one hundred twenty-three.

Art. 5. On motion of Alfred E. DeMerritt it was voted that the Selectmen be instructed to act in the grade crossing matter in the manner prescribed by the State Laws, and that they put such articles in the warrant for the next town meeting as may be necessary to carry out their instructions.

On motion of Carl M. Spencer it was voted that the Municipal Light Board be authorized to execute a lease of quarters for the Municipal Light Department in the Y. M. C. A. Building on Main street, for a term not exceeding five years.

On motion of Carl M. Spencer it was voted that the Board of Selectmen be instructed to report to the town on the advisability of employing a Town Counsel.

Voted to adjourn sine die.

MILLARD F. CHARLES,

Town Clerk.

## PRIMARIES

COMMONWEALTH OF MASSACHUSETTS, MIDDLESEX SS.

To either of the Constables of the Town of Reading, Greeting:—In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town who are qualified to vote in Primaries to

meet in Lower Lyceum Hall, Tuesday, the 23d day of September, 1913, to bring in their votes to the primary officers for the nomination of candidates of political parties for the following officers at three o'clock and thirty minutes for the following purposes :

Governor for the Commonwealth, Lieutenant Governor, Secretary, Treasurer and Receiver General, Auditor, Attorney General, Councillor Sixth District, Senator Seventh Middlesex Senatorial District, two Representatives in General Court 20th Middlesex District, County Commissioner Middlesex County, two Associate County Commissioners Middlesex County, District Attorney Northern District Middlesex County, Register of Probate and Insolvency Middlesex County, and for the election of the following officers: District member of the Seventh Middlesex Senatorial District, eleven members of the Democratic Town Committee, ten members of the Republican Town Committee, eight members of the Progressive Party Town Committee, delegates to state convention of political parties.

All the above candidates and officers are to be voted upon on one ballot. The polls will be open from three o'clock and thirty minutes to eight o'clock and thirty minutes P. M.

And you are directed to serve this warrant by posting attested copies thereof seven days at least before the time of said meeting as directed by vote of the Town.

Hereof fail not and make due return of this warrant with your doings thereon at the time and place of said meeting.

Given under our hands this third day of September, A. D. 1913.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.



READING, September 15, 1913.

By virtue of the within warrant I have this day notified and warned the inhabitants of the Town of Reading, qualified to vote in elections and Town affairs, to meet in the place and at the time within specified by posting attested copies of the same in the following public places within the said Town of Reading, namely: Post Office, Lyceum Hall Building, Willis' drug store, Frank Parker's barber shop, Horrocks' store, Morse's lunch room, Main street barber shop, Danforth's drug store, Badger's real estate office, Town Building, Chapin's garage, Moran's barber shop, Austin's lunch cart, Salem street garage, Pierce organ pipe factory, Electric Light office, Co-operative store, Cummings Express office, Myers' lunch room, Reading depot, the same being more than seven days before the return hour thereof: and causing the same to be published in the Reading Chronicle, issue of September 19, 1913, the same being more than one day before the return hour hereof.

Signed, ARDINE M. ALLEN,

Constable of Reading.

READING, MASS., September 23, 1913.

Pursuant to the foregoing warrant, and the Constable's return thereon, a town meeting was held at the time and place therein specified and was called to order by Edwin L. Hutchinson, chairman of the Board of Selectmen. The ballot box was opened, examined, and declared empty and registered 0000. The ballots were delivered to the presiding election officer by the Town Clerk, who receipted therefor. The following ballot clerks and election officers or tellers were duly sworn by the Town Clerk:

James A. Waters, Samuel Rounds, Chester C. Richardson as ballot clerks.

James A. Freeman, John D. Canty, Frank W. Willis, Bernard I. Granfield, Percy L. Horrocks, Bartholemew J.

Lehan, George M. Hutchinson, Richard N. B. Wilson, William H. Baker, Sylvanus L. Thompson as tellers, and the polls were duly declared opened.

On motion of Otis B. Ruggles, it was voted to close the polls at eight o'clock and thirty minutes P. M. The polls were duly declared closed as voted. Whole number of ballots cast 270. Whole number registered as cast 270, whole number counted 270, divided among the following parties: Republican 186, Democratic 52, Progressive 32.

The following is a true list of candidates voted for as Republicans:

## GOVERNOR

Everett O. Benton, 75 Oakley road, Belmont	.	.	63
Augustus P. Gardner, Main street, Hamilton	.	.	109
O. S. Bird	.	.	1
Blanks	.	.	13

## LIEUTENANT GOVERNOR

Augustus H. Goetting, 767 State street, Springfield	.	170
Blanks	.	16

## SECRETARY

William S. Kenney, 52 Westland avenue, Boston	.	156
Blanks	.	30

## TREASURER

Charles L. Burrill, 50 Beacon street, Boston	.	131
Maurice Kane, 22 Fullerton avenue, Whitman	.	31
Blanks	.	24

## AUDITOR

John E. White, Greenwood avenue, Tisbury	.	160
Blanks	.	26

## ATTORNEY GENERAL

James M. Swift, 294 French street, Fall River	.	164
Blanks	.	22

## COUNCILLOR, 6TH DISTRICT

G. Frederick Simpson, 315 Franklin street, Fall River	164
Blanks . . . . .	34

## SENATOR, 7TH MIDDLESEX DISTRICT

Otto Reither, 15 Carnes street, Lynn . . . . .	146
Blanks . . . . .	40

## REPRESENTATIVES, 20TH MIDDLESEX DISTRICT

Henry L. Andrews, 12 Burlington street, Woburn . . . . .	90
Irving F. Batchelder, North street, North Reading . . . . .	162
Ellis H. Marshall, 65 Cambridge street, Woburn . . . . .	25
Samuel W. Mendum, 16 Arlington road, Woburn . . . . .	46
Blanks . . . . .	49

## ASSOCIATE COUNTY COMMISSIONERS, MIDDLESEX COUNTY

Blanks . . . . .	372
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## COUNTY COMMISSIONERS, MIDDLESEX COUNTY

Erson B. Barlow, 127 Pine street, Lowell . . . . .	72
Frederic P. Barnes, 351 Otis street, Newton . . . . .	18
Joseph Walter Bowers, 660 Princeton street, Lowell . . . . .	5
George H. Jennings, 55 Magazine street, Cambridge . . . . .	16
Frank A. Patch, of Littleton . . . . .	21
Joshua Wilson, 4 Jay street, Cambridge . . . . .	6
Blanks . . . . .	48

## DISTRICT ATTORNEY, NORTHERN DISTRICT

John J. Higgins, 10 Dartmouth street, Somerville . . . . .	150
Blanks . . . . .	36

## REGISTER OF PROBATE AND INSOLVENCY, MIDDLESEX COUNTY

William E. Rogers, 42 Chestnut street, Wakefield . . . . .	155
Blanks . . . . .	31

## REGISTER OF DEEDS, MIDDLESEX SOUTHERN DISTRICT

Thomas Leighton, Jr., 73 Lafayette street, Cambridge . . . . .	147
Blanks . . . . .	39

## STATE COMMITTEE, 7TH MIDDLESEX DISTRICT

Louis Pfeiffer, South road, Bedford . . . . .	139
Blanks . . . . .	47

## DELEGATES TO STATE CONVENTION, READING

Archer R. Prentiss, 33 Berkley street . . . . .	163
James P. Carleton, 179 Summer avenue . . . . .	166
Arthur E. Roberts, 128 Summer avenue . . . . .	162
James H. Carleton, 8 Temple street . . . . .	165
Blanks . . . . .	88

## TOWN COMMITTEE, READING

James P. Carleton, 179 Summer avenue . . . . .	162
Jesse W. Morton, 114 Woburn street . . . . .	161
Louis Ellenwood, 10 Gould street . . . . .	161
Edgar O. Dewey, 76 Main street . . . . .	162
John F. Sawyer, 8 Arlington street . . . . .	162
James W. Grimes, 141 Woburn street . . . . .	160
Frank F. Strout, Mill street . . . . .	161
Carl M. Spencer, 39 Chute street . . . . .	161
Frederick L. Springford, 55 Middlesex avenue . . . . .	162
William H. Morrison, 29 Pleasant street . . . . .	161
Blanks . . . . .	246

The following is a true list of votes cast for Democratic candidates.

## GOVERNOR

David I. Walsh, 251 Main street, Fitchburg . . . . .	51
Blanks . . . . .	1

## LIEUTENANT GOVERNOR

Edward P. Barry, 50 Thomas Park, Boston . . . . .	22
Richard H. Long, Winter street, Framingham . . . . .	29
Blanks . . . . .	1

## SECRETARY

Frank J. Donahue, 106 Glenway street, Boston . . . . .	49
Blanks . . . . .	3

## TREASURER

Frederick W. Mansfield, 91 Geneva avenue, Boston .	35
Joseph L. P. St. Coeur, 113 Antrim street, Cambridge	10
Blanks . . . . .	7

## AUDITOR

Frank H. Pope, 4 Blossom street, Leominster . .	42
Blanks . . . . .	10

## ATTORNEY GENERAL

Thomas J. Boynton, 50 Summer street, Everett . .	44
Blanks . . . . .	8

## COUNCILLOR, 6TH DISTRICT

John J. Hogan, 145 Bowers street, Lowell . . .	43
Blanks . . . . .	9

## SENATOR 7TH MIDDLESEX DISTRICT

Edward Fisher, Depot street, Westford . . .	39
Blanks . . . . .	9

## REPRESENTATIVE IN GENERAL COURT, 20TH MIDDLESEX DISTRICT

Dennis P. Blake, 35 Houghton street, Woburn . .	16
George L. Flint, 42 Highland street, Reading . .	47
Bernard J. Golden, 152 Washington street, Woburn .	16
Blanks . . . . .	25

## ASSOCIATE COUNTY COMMISSIONERS

Blanks . . . . .	104
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## COUNTY COMMISSIONERS

John B. McCloskey, 96 Sixth street, Cambridge . .	5
Fred H. Rourke, 777 Central street, Lowell . .	32
Henry J. Thompson, 81 W. Fourth street, Lowell .	1
William H. Walsh, off Cochituate road, Framingham	11
Blanks . . . . .	3

## DISTRICT ATTORNEY, NORTHERN DISTRICT

William J. Corcoran, 4 Hastings Square, Cambridge .	39
William R. Scharton, 102 Parker street, Newton .	10
Blanks . . . . .	3



## REGISTER OF PROBATE AND INSOLVENCY, MIDDLESEX COUNTY

James T. Barrett, 97 Otis street, Cambridge . . . . .	36
Blanks . . . . .	16

## REGISTER OF DEEDS, SOUTHERN DISTRICT

J. Frank Facey, 54 Pemberton street, Cambridge . . . . .	33
Blanks . . . . .	14

## STATE COMMITTEE, 7TH MIDDLESEX DISTRICT

William H. Small . . . . .	9
Blanks . . . . .	43

## DELEGATE TO STATE CONVENTION, READING

Henry R. Johnson, 5 Sanborn street, Reading . . . . .	29
Blanks . . . . .	23

## TOWN COMMITTEE, READING

George L. Flint, 42 Highland street . . . . .	45
Henry M. Donegan, 58 Federal street . . . . .	43
Millard F. Charles, 66 Bancroft avenue . . . . .	42
Owen McKenney, 116 John street . . . . .	42
Philip H. Reilly, 19 Middlesex avenue extension . . . . .	43
John H. Whelton, High street . . . . .	41
Frank E. Gray, 91 Middlesex avenue . . . . .	40
Thomas H. Barrett, off 5 Ash street . . . . .	40
Daniel Cullinane, 119 Washington street . . . . .	43
John Connelly, 15 Minot street . . . . .	41
Henry R. Johnson, 5 Sanborn street . . . . .	40
Blanks . . . . .	112

The following is a true list of votes cast for Progressive candidates:

## GOVERNOR

Charles Sumner Bird of Walpole . . . . .	32
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## LIEUTENANT GOVERNOR

Daniel Cosgrove, 492 Gorham street, Lowell . . . . .	31
Blanks . . . . .	1

## SECRETARY

Russell A. Wood, 1691 Massachusetts avenue, Camb'dge	31
Blanks . . . . .	1

## TREASURER

Warren D. Keith, 310 Copeland street, Brockton .	31
Blanks . . . . .	1

## AUDITOR

Octave A. LaRiviere, 168 Main street, Springfield .	29
Blanks . . . . .	3

## ATTORNEY GENERAL

H. Hustis Newton, 92 Waverley street, Everett .	30
Blanks . . . . .	2

## COUNCILLOR, 6TH DISTRICT

Harry C. Hunter, 132 Main street, Marlboro .	30
Blanks . . . . .	2

## SENATOR, 7TH MIDDLESEX DISTRICT

James W. Killam . . . . .	1
Blanks . . . . .	31

## REPRESENTATIVE, 20TH MIDDLESEX DISTRICT

Irving F. Batchelder, North street, North Reading .	28
Blanks . . . . .	34
Scattering . . . . .	2

## COUNTY COMMISSIONER

Charles H. McIntire, 831 Westford street, Lowell .	29
Blanks . . . . .	3

## ASSOCIATE COUNTY COMMISSIONER

Blanks . . . . .	64
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## DISTRICT ATTORNEY, NORTHERN DISTRICT

Philip M. Clark, 592 Huron avenue, Cambridge .	29
Blanks . . . . .	3

## REGISTER OF PROBATE AND INSOLVENCY

Blanks . . . . .	32
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## REGISTER OF DEEDS, SOUTHERN DISTRICT

Albin M. Richards, 22 Bigelow street, Cambridge .	28
Blanks . . . . .	4

## STATE COMMITTEE

Osborn McLeod, 22 Whitney street, Saugus . .	28
Blanks . . . . .	4

## DELEGATES TO STATE CONVENTION, READING

William J. Parsons . . . . .	14
Frank K. Black . . . . .	12
Edwin L. Hutchinson . . . . .	13
Warren L. Fletcher . . . . .	14
Charles B. Harkness . . . . .	11
Joseph S. Temple . . . . .	13
Blanks . . . . .	83

## TOWN COMMITTEE, READING

William J. Parsons . . . . .	14
Adelbert E. Batchelder . . . . .	12
Joseph S. Temple . . . . .	15
John A. Hanley . . . . .	12
Frank W. Young . . . . .	14
Frank K. Black . . . . .	12
Edwin L. Hutchinson . . . . .	14
Charles B. Harkness . . . . .	14

The votes were counted, sealed and delivered to the Town Clerk in open meeting after which it was voted to adjourn.

MILLARD F. CHARLES,  
Town Clerk.

## TOWN WARRANT

COMMONWEALTH OF MASSACHUSETTS, MIDDLESEX SS.

To either of the Constables of the Town of Reading, Greeting:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Reading qualified to vote in elections and Town affairs, to meet in Lyceum Hall in said Reading, on Monday, the third of November, A. D. 1913, at eight o'clock in the evening, to act on the following articles, viz:

Article 1. To choose a Moderator to preside at said meeting.

Art. 2. To see if the Town will authorize the Town Accountant to transfer from the Cemetery Reserve Fund to the Cemetery Appropriation for the purpose of erecting a wire fence along its western boundary and for making additions to its supply of water the sum of six hundred and fifty (\$650) dollars, or what they will do in relation thereto.

Art. 3. To consider whether the Town will issue its note or notes in the sum of twenty-seven hundred (\$2700) dollars for providing funds for defraying the expenses of the School Department to December 31, 1913, or what they will do in relation thereto.

Art. 4. To hear and act on the report of the Sewerage Committee.

Art. 5. To see if the Town will authorize the Town Accountant to transfer from the receipts from licenses, permits, etc., the sum of sixty (\$60) dollars for the purpose of completing alterations and furnishings at the Central Fire Station.

Art. 6. To see if the Town will instruct the School Committee regarding the use of soft coal in the school buildings, or what they will do in relation thereto.

Art. 7. To hear and act on the report of the Committee on Building Laws.

Art. 8. To see if the Town will raise and appropriate or otherwise provide the sum of six thousand (\$6000) dollars to purchase the Claggett property, in accordance with the recommendation of the Playground Commission, or what they will do in relation thereto.

Art. 9. To see if the Town will raise and appropriate or otherwise provide the sum of thirty five hundred (\$3500) dollars to purchase the land between Eaton street and the Wakefield line, in accordance with the recommendation of the Playground Commission, or what they will do in relation thereto.

Art. 10. To see what action the Town will take in regard to the purchase of a playground, and how much money they will raise and appropriate or otherwise provide for that purpose, or what they will do in relation thereto.

Art. 11. To see if the Town will authorize the Treasurer to sell one one thousand (\$1000) dollar bond Reading Water Loan, or what they will do in relation thereto.

Art. 12. To see if the Town will accept the Provisions of Chapter 635 of the Acts of 1912, known as the Tenement House Act, or what they do in relation thereto.

Art. 13. To see what instructions the Town will give its Town Officers.

Hereof fail not and make due return of this warrant with your doings thereon to the Town Clerk at or before the time appointed for said meeting.

Given under our hands this twenty-fifth day of October,  
A. D. 1913.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.



READING, MASS., October 27, 1913.

By virtue of the within warrant, I have this day notified and warned the inhabitants of the Town of Reading, qualified to vote in elections and Town affairs, to meet in the place and at the time within specified by posting attested copies of same in the following public places within the said Town of Reading as follows: Post Office, Lyceum Hall Building, Electric Light office, Frank Parker's barber shop, Horrocks' store, Main street barber shop, Reading Spa, Chapin's garage, Morse's lunch room, Danforth's drug store, Badger's real estate office, Town Building, Austin's lunch cart, Salem street garage, Pierce organ pipe factory, Moran's barber shop, Reading Co-operative store, Myers' lunch room, Reading depot, Hancock engine house, the same being more than seven days before the return hour hereof; and causing the same to be published in the Reading Chronicle, issue of October 31, 1913, the same being more than one day before the return hour thereof.

Signed, ARDINE M. ALLEN,  
Constable of Reading.

## TOWN MEETING

LYCEUM HALL, November 3, 1913.

Pursuant to a warrant issued a town meeting was held at the time and place specified therein and was called to order by the Town Clerk, Millard F. Charles. The warrant was partly read when Edwin L. Hutchinson moved to dispense with further reading except the Constable's return, and it was so voted.

Art. 1. Proceeded to the election of a Moderator. Whole number of votes cast, two. George L. Flint received that number and was declared elected.

Art. 2. On motion of Galen A. Parker it was voted that for the purpose of providing funds for furnishing and erecting a wire fence along the western boundary and mak-

ing addition to the supply of water for the cemetery, the Town Accountant be and is hereby authorized to transfer from the Cemetery Reserve Fund from the sale of lots and graves the sum of six hundred fifty (\$650) dollars to the Cemetery Appropriation.

Art. 3. On motion of Walter S. Parker it was voted that for the purpose of providing additional funds for the School Department for the fiscal year ending December 31, 1913, be it ordered that the Town Treasurer issue the note of the Town for twenty-seven hundred (\$2700) dollars, payable in one year, said note to be designated as School Deficiency Loan.

Art. 4. Voted to lay on the table.

Art. 5. On motion of Edwin L. Hutchinson it was voted that for the purpose of furnishing additional funds for the alterations and furnishings of the Central Fire Station, the Town Accountant be and hereby is authorized to transfer sixty (\$60) dollars from licences and permits to the appropriation for alterations and furnishings at the Central Fire Station.

Art. 6. On motion of Edwin L. Hutchinson it was voted to instruct the School Committee to use hard coal in all school houses on the beginning of the next school year, on and after that time.

Art. 11. On motion of Lewis M. Bancroft it was voted that the Town Treasurer be authorized to sell one one thousand (\$1000) dollar Reading Water Bond, the proceeds to be used by the Water Department to pay for the extensions of the main pipe.

Art. 4. Voted to take from the table.

Art. 4. On motion of Edwin L. Hutchinson it was voted that the Sewerage Committee report in print one week from tonight at adjourned meeting to be held on Monday, November 17, 1913.

Art. 7. On motion of Jesse L. Morton it was voted to accept Section 3 as amended as follows :

Sect. 3. No building within the building limits as set forth in Section 8, except those which come under the provisions of the Revised Laws, Chapter 104, Section 22, and one story wooden buildings less than ten feet square, shall be erected, and no addition or alteration changing the character of any such building, shall be made by any person unless he has received a permit therefor from the Inspector of Buildings. To obtain a permit the person intending to erect or make such alteration in such building shall, seven days at least before the work is begun, file with the Inspector a notice of the intention, with plan, together with specifications or a full description of the proposed work. Outside of the building limits the provisions of this section shall apply to dwelling houses only.

On motion of Jesse W. Morton it was voted that Section 8 be adopted as amended.

Sect. 8. All buildings hereafter erected which are to be used in whole or in part for business or manufacturing purposes, or as places for public meetings, which buildings are to be more than one story in height and which shall be erected within one hundred feet of an area bounded by a line beginning at the junction of Salem street and John street, thence running along John street to Village street, continuing to Washington street, thence turning and running along Washington street to High street, thence along High street to Mount Vernon street, along Mount Vernon street to Linden street, along Linden street to Lowell street, along Lowell street to Salem street, along Salem street to John street at the point of beginning, shall be constructed of brick, stone or concrete, and having slate, metal or composition roof covering and metal gutters, unless permission is otherwise given by the Board of Selectmen. And no such building shall be built in any part of the Town without a permit from the Selectmen having been first obtained after

a written notice of the application for such a permit having been given to all owners of land within three hundred feet of the proposed location for such building, giving such owners an opportunity to attend a hearing on the matter before the Selectmen; such hearing shall be held by said Board and shall be held not less than seven days after giving of the notice aforesaid.

Sect. 9. No wooden building to be used for a dwelling house shall exceed forty-five feet in height, and no wooden building shall be built the walls of which to the main cornice exceed thirty feet in height; and no portion of any wooden building shall be placed at a less distance than ten feet from the side line of the lot upon which the building is to be located or within twenty feet of another wooden building, except where a masonry external wall is substituted for a wooden wall and carried to under side of roof covering, and of a thickness and in the manner prescribed for external walls of brick buildings, openings in same to be provided with fire-proof shutters. A wall with coating of cement on wood frame shall not be considered a masonry wall.

Sect. 10. In all wooden buildings not exceeding three stories in height the posts of which exceed twenty-two feet in length, the sills shall not be less than six by eight inches, and the posts not less than four by eight inches; in all such buildings, the posts of which are twenty-two feet or less in length, the sills shall not be less than six by six inches or four by eight inches, and the posts and girts not less than four by six inches; in all wooden buildings the studding of the outside walls shall not be less than two by four inches, set sixteen inches on centres; in all wooden buildings, the studding in all partitions carrying floor timbers shall be not less than two by four inches, set not more than sixteen inches on centres, and resting on girders not less than six by eight inches. Ledger boards may be used in place of girts in one and one-half story houses, or in dwellings where the attic floor is below the plates, if the studding spaces between which shall be filled with joists of same size as wall studs

cut in tight so as to prevent a draft in case of fire. All one and one-half story buildings shall have end girts mortised, tennoned and pinned together.

Sect. 11. Floor timbers in dwelling houses, when of good sound timber set sixteen inches on centres, shall be of the following sizes: for a span not exceeding ten feet, the timbers shall not be less than two by seven inches; for a span not exceeding fourteen feet, the timbers shall be not less than two by eight inches; for a span not exceeding sixteen feet, the timbers shall be not less than two by nine inches; for a span not exceeding eighteen feet, the timbers shall be not less than two by twelve inches; for a span not exceeding twenty feet, the timbers shall be not less than two by fourteen inches; for a span not exceeding twenty-two feet, the timbers shall be not less than three by twelve inches; for a span not exceeding twenty-four feet, the timbers shall be not less than three by fourteen inches in size, or of a size giving their equivalent in strength.

There shall be girders not less than six by eight inches under main partitions; there shall be floor timbers doubled, or their equivalent, under all cross partitions in the first floor of all dwellings. Headers and timbers of all openings more than four feet square in first floor of dwellings shall be floor joists doubled, or their equivalent. Beams carrying main or cross partitions in first floor shall be supported on piers or filled iron posts; trimmers in first floor over twelve feet in length shall be supported by a pier or post.

The attic floor timbers shall not be less than two by six inches for any attic, whether finished or unfinished, to which there is access which can be used for storage or other purposes.

All floor timbers with a span from ten to sixteen feet shall have one row of bridging; all floor timbers with a span of sixteen feet or more shall have a bridging at least every eight feet and all bridging stock shall be not less than one by two inches.



All cutting of floor timbers for the passage of pipes shall be on their upper edges, and no cut shall exceed two inches in depth or be made more than three feet from the point of support of the timber unless the consent of the Inspector has first been obtained. No cutting in the under side of a floor timber will be allowed for any reason.

Sect. 30. The six following sections shall apply to every tenement or apartment house, and to every building to be used as a hotel, lodging or boarding house with accommodations for more than ten lodgers above the first floor, and to every building of more than two and one-half stories within the building limits.

On motion of Jesse W. Morton it was voted that Section 11 be part of Section 10, and that all sections following be one less in number.

On motion of Jesse W. Morton it was voted to accept Article 37, now Article 36, as follows:

The partitions enclosing staircase halls shall be plastered on metal laths on both sides or be filled solidly between the studding with brick and mortar or concrete so as to form with the metal lathed ceiling above described a complete enclosure with no openings except for windows in external walls and for doors. In cellars or basements, staircases or staircase halls, shall be enclosed by brick walls, except in the case of a flight of cellar stairs not opening from a staircase hall on the first floor.

Art. 13. On motion of Edwin L. Hutchinson it was voted that the Selectmen be instructed to have the building laws approved by the Attorney-General.

Art. 13. Voted to lay on the table.

Art. 8. Voted to take up.

Art. 8. It was voted that for the purpose of acquiring land of Sumner E. Claggett containing fifteen acres more or less for a public playground, in accordance with Section 19, Chapter 28, of the Revised Laws and amendments thereto,

be it ordered that the Town Treasurer under the direction of the Selectmen to issue, under the direction of the Selectmen, notes or bonds of the Town for six thousand (\$6000) dollars payable one thousand (\$1000) dollars each year at a rate of interest not exceeding five per cent. per annum.

One hundred and twenty-six voted in favor, forty-two voted against.

Art. 9. It was voted to indefinitely postpone.

Art. 10. Voted to lay on table till adjourned meeting to be held on November 17, 1913, also referred to Playground Commission to report on at adjourned meeting in regard to a ball field, etc.

Art. 13. Voted to take from the table.

Art. 13. Voted that in the matter of a suit against the Town of Reading by Adelbert E. Batchelder the Selectmen have full powers to settle this suit.

Voted to adjourn to meet in this hall on Monday evening, November 17, 1913, at eight o'clock.

MILLARD F. CHARLES,  
Town Clerk.

## TOWN WARRANT

COMMONWEALTH OF MASSACHUSETTS, MIDDLESEX SS.

To either of the Constables of Reading, Greeting:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Reading qualified to vote in elections and Town affairs to meet in Lower Lyceum Hall, in said Reading, on Tuesday, the fourth day of November next, it being the Tuesday next after the first Monday of said November, to bring in their votes to the Selectmen, for Governor, Lieutenant-Governor, Secretary, Treasurer and Receiver Gen-

eral, Auditor, Attorney-General, of the Commonwealth, Councillor for the Sixth District, Senator for the Seventh Middlesex District, two Representatives in General Court of Massachusetts for Middlesex District Number 20, one County Commissioner, two Associate County Commissioners, District Attorney for Northern District, Register of Probate and Insolvency, Register of Deeds for Middlesex Southern District; also to bring in their votes, yes or no on the acceptance of the following:

Shall the proposed amendment to the Constitution making women eligible for appointment as notaries public be approved and ratified?

Shall the proposed amendment to the constitution authorizing the referendum be approved and ratified?

Shall Chapter 807 of the Acts of nineteen hundred and thirteen, being an Act to provide for compensating laborers, workmen and mechanics for injuries sustained in public employment and to exempt from legal liability, counties and municipalities which pay such compensation, be accepted by the inhabitants of the Town of Reading?

The polls will be opened at six o'clock A. M. and may closed at four o'clock P. M.

Hereof fail not and make due return of this warrant with your doings thereon to ourselves at or before the time appointed for said meeting.

Given under our hands this eighteenth day of October, A. D. 1913.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.

READING, October 27, 1913.

By virtue of the within warrant, I have this day notified and warned the inhabitants of the Town of Reading, qualified to vote in elections and Town affairs, to meet in the

place and at the time within mentioned by posting attested copies of the same in the following public places within the said Town of Reading, namely: Post Office, Lyceum Hall building, Electric Light office, Frank Parker's barber shop, Horrocks' store, Main street barber shop, Reading Spa, Chapin's garage, Morse's lunch room, Danforth's drug store, Badger's real estate office, Town Building, Austin's lunch cart, Salem street garage, Pierce's organ pipe factory, Moran's barber shop, Reading Co-operative store, Myers' lunch room, Reading depot, Hancock engine house, the same being more than seven days before the return hour hereof and causing the same to be published in the Reading Chronicle, issue of October 31, 1913, the same being more than one day before the return hour thereof.

Signed, ARDINE M. ALLEN,

Constable for the Town of Reading.

#### STATE ELECTION, NOVEMBER 4, 1913

Pursuant to the foregoing warrant, on which the Constable's return was duly made, a town meeting was held at the time and place therein specified in Lower Lyceum Hall, and was called to order by the presiding officer, Edwin L. Hutchinson, chairman of the Board of Selectmen. The Town Clerk, Millard F. Charles, delivered to him 1800 ballots for the State election, and the following ballot clerks and tellers were duly sworn by the Town Clerk:

James A. Waters, Samuel Rounds, Chester O. Richardson, ballot clerks.

Richard N. B. Wilson, Bernard T. Granfield, Bartholemew J. Lehan, William H. Baker, John D. Canty, Percy L. Horrocks, George M. Hutchinson, James A. Freeman, Sylvanus L. Thompson, Frank W. Willis, tellers.

Prayer was offered by Reverend Joseph E. Waterhouse. The ballot box was duly examined and declared empty; the keys of ballot box were delivered to Constable in charge

Ardine M. Allen. The warrant was read and the polls were duly declared open. It was voted to close the polls at four o'clock and thirty minutes P. M.

The polls were duly closed at four o'clock and thirty minutes P. M.

The ballot box registered 1109 as having voted. The check list showed that 1106 voted and eleven hundred and six votes were counted with the following result:

## GOVERNOR

Charles Sumner Bird of Walpole . . . . .	484
Alfred H. Evans of Northampton . . . . .	1
Eugene N. Foss of Boston . . . . .	29
Augustus P. Gardner of Hamilton . . . . .	379
Arthur E. Reimer of Boston . . . . .	29
David I. Walsh of Fitchburg . . . . .	203
George H. Wrenn of Springfield . . . . .	6
Blanks . . . . .	3

## LIEUTENANT GOVERNOR

Edward P. Barry of Boston . . . . .	197
Daniel Cosgrove of Lowell . . . . .	423
Augustus H. Goetting of Springfield . . . . .	457
Albert J. Orem of Sharon . . . . .	5
Peter O'Rourke of Medford . . . . .	2
George E. Roewer, Jr., of Boston . . . . .	3
Blanks . . . . .	19

## SECRETARY

Frank J. Donahue of Boston . . . . .	205
William S. Kinney of Boston . . . . .	446
John A. Nichols of Boston . . . . .	13
Fred E. Oelcher of Peabody . . . . .	2
Ella M. Roberts of Springfield . . . . .	5
Russell A. Wood of Cambridge . . . . .	402
Blanks . . . . .	33



## TREASURER

Charles L. Burrill of Boston . . . . .	477
Charles E. Fenner of Worcester . . . . .	3
Thomas A. Frissel of Hinsdale . . . . .	6
Warren R. Keith of Brockton . . . . .	379
Frederick W. Mansfield of Boston . . . . .	193
Dennis McGoff of New Bedford . . . . .	13
Blanks . . . . .	35

## AUDITOR

Herbert S. Brown of Greenfield . . . . .	7
David Craig of Milford . . . . .	2
Octave A. LaRiviere of Springfield . . . . .	359
Samuel P. Levenburg of Boston . . . . .	4
Frank H. Pope of Leominster . . . . .	191
John E. White of Tisbury . . . . .	480
Blanks . . . . .	63

## ATTORNEY-GENERAL

Thomas J. Boynton of Everett . . . . .	191
Freeman T. Crommett of Chelsea . . . . .	4
John McCarty of Abington . . . . .	2
H. Huestis Newton of Everett . . . . .	367
Ingrar Paulson of Boston . . . . .	2
James M. Swift of Fall River . . . . .	486
Blanks . . . . .	54

## COUNCILLOR, 6TH DISTRICT

John J. Hogan of Lowell . . . . .	183
Harrie C. Hunter of Marlborough . . . . .	379
G. Frederick Simpson of Newton . . . . .	468
Blanks . . . . .	76

## SENATOR, 7TH MIDDLESEX DISTRICT

William F. Belcher of Saugus . . . . .	395
Edward Fisher of Westford . . . . .	205
Otto Reither of Lynn . . . . .	424
Blanks . . . . .	32

## REPRESENTATIVES IN GENERAL COURT, 20TH MIDDLESEX DISTRICT

Henry L. Andrews of Woburn . . . . .	469
Irving F. Batchelder of North Reading . . . . .	767
Dennis P. Blake of Woburn . . . . .	163
Leon L. Dorr of Woburn . . . . .	322
Blanks . . . . .	491

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

Erson B. Barlow of Lowell . . . . .	468
John B. McCloskey of Cambridge . . . . .	172
Charles H. McIntire of Lowell . . . . .	377
Blanks . . . . .	89

## ASSOCIATE COUNTY COMMISSIONERS

Charles W. Atkins of Everett . . . . .	339
Frederick P. Barnes of Newton . . . . .	439
John J. Butler of Wakefield . . . . .	184
George W. Enwright of Lowell . . . . .	133
Edwin P. Fitzgerald of Somerville . . . . .	347
Albert F. Parker of Pepperell . . . . .	356
Blanks . . . . .	414

## DISTRICT ATTORNEY, NORTHERN DISTRICT

Philip M. Clark of Cambridge . . . . .	374
William J. Corcoran of Cambridge . . . . .	181
John J. Higgins of Somerville . . . . .	459
Blanks . . . . .	92

## REGISTER OF PROBATE AND INSOLVENCY, MIDDLESEX COUNTY

James T. Barrett of Cambridge . . . . .	176
William E. Rogers of Wakefield . . . . .	807
Blanks . . . . .	123

## REGISTER OF DEEDS, MIDDLESEX SOUTHERN DISTRICT

J. Frank Facey of Cambridge . . . . .	170
Thomas Leighton, Jr., of Cambridge . . . . .	502
Albin M. Richards of Cambridge . . . . .	343
Blanks . . . . .	41

Shall the proposed amendment to the Constitution making women eligible to appointment as notaries public be approved and ratified?

Yes . . . . .	428
No . . . . .	372
Blanks . . . . .	306

Shall the proposed amendment to the Constitution authorizing the referendum be approved and ratified?

Yes . . . . .	467
No . . . . .	167
Blanks . . . . .	306

Shall Chapter 807 of the Acts of nineteen hundred and thirteen, being an Act to provide for compensating laborers, workmen and mechanics for injuries sustained in public employment and to exempt from legal liability counties and municipal corporations which pay such compensation, be accepted by the inhabitants of this county?

Yes . . . . .	536
No . . . . .	150
Blanks . . . . .	429

The votes were sorted, counted and declared in open town meeting, as above recorded, whereupon it was voted to adjourn.

MILLARD F. CHARLES,

Town Clerk.

## RECOUNT OF VOTES FOR REPRESENTATIVES AND COUNTY COMMISSIONER NOVEMBER 4, 1913

READING, November 11, 1913.

The Board of Registrars recounted the votes cast for County Commissioner and Representatives to the General Court with the following result:

REPRESENTATIVES IN GENERAL COURT, 20TH MIDDLESEX DISTRICT	
Henry L. Andrews of Woburn . . . . .	471
Irving F. Batchelder of North Reading . . . . .	767

Dennis P. Blake of Woburn . . . . .	162
Leon L. Dorr of Woburn . . . . .	325
Blanks . . . . .	487

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

Erson B. Barlow of Lowell . . . . .	468
John B. McCloskey of Cambridge . . . . .	172
Charles H. McIntire of Lowell . . . . .	376
Blanks . . . . .	90

MILLARD F. CHARLES,  
Town Clerk.

## RETURN OF VOTES CAST IN TWENTIETH MIDDLESEX REPRESENTATIVE DISTRICT

COMMONWEALTH OF MASSACHUSETTS, COUNTY OF MIDDLESEX  
CITY OF WOBURN

In accordance with the provisions of Section 257, Chapter 11 of the Revised Laws of Massachusetts, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading and Wilmington, being the City and Town Clerks of every city and town in Representative District No. 20, within said County, met at the City Hall, Woburn, at noon on Friday, November 14, A. D. 1913, being the tenth day succeeding the day of the State election held on Tuesday, November 4th, A. D. 1913, and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of Representative and determined therefrom that Henry L. Andrews of Woburn and Irving F. Batchelder of North Reading were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said district and the number of votes given for each person, viz:

Henry L. Andrews of Woburn . . . . .	1706
Irving F. Batchelder of North Reading . . . . .	1886

Dennis P. Blake of Woburn	.	.	.	.	.	1636
Leon L. Dorr of Woburn	.	.	.	.	.	1700
William H. Henchy of Woburn	.	.	.	.	.	1
Defective	.	.	.	.	.	3
Blanks	.	.	.	.	.	1828
Total	.	.	.	.	.	8760

In witness whereof we, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading and Wilmington hereunto set our hands this fourteenth day of November, A. D. 1913.

BERNARD F. McHUGH, City Clerk, Woburn.

SELWYN H. GRAHAM, Town Clerk, Burlington.

MILLARD F. CHARLES, Town Clerk, Reading.

ARTHUR F. UPTON, Town Clerk, North Reading.

JAMES E. KELLEY, Town Clerk, Wilmington.

Town Clerk's Office, Reading, Mass.

Received and recorded, November 14, 1913.

Attest:

MILLARD F. CHARLES,

Town Clerk.

## SPECIAL TOWN MEETING, ADJOURNED FROM NOVEMBER 3, 1913

LYCEUM HALL, READING, November 17, 1913.

Pursuant to adjournment, a town meeting was held and was called to order by the Moderator, George L. Flint.

Art. 4. On motion of James W. Killam it was voted that the Sewerage Committee be instructed to petition the Legislature for an act which will permit the Town of Reading to become a part of the North Metropolitan Sewerage System.

Art. 13. Voted to take from the table.



On motion of Charles A. Loring it was voted that the Municipal Light Board be instructed not to make any contract or agreement to furnish electricity to the Town of Wakefield without first submitting the same to the voters of the Town of Reading in town meeting assembled for approval.

On motion of Harry P. Bosson, voted that the Selectmen be instructed to confer with the Boston & Maine Railroad in regard to the grade crossing matter, and report to the Town before they take any action.

Art. 12. On motion of Jesse W. Morton it was voted to accept Chapter 635 of the Acts of 1912, known as the Tenement House Act.

Art. 10. On motion of Charles A. Loring it was voted to recommit to Playground Commission, for their investigation, and to report at the next town meeting on all matters in regard to a playground.

The Playground Commission, to which was referred the subject of Playground, reported in favor of Sweetser's Field, on Washington street, now used as a ball field, and in addition recommended the purchase of the Catholic Church property adjoining, at a price of eleven thousand (\$11,000) dollars.

Voted to adjourn.

MILLARD F. CHARLES,  
Town Clerk.

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## SPECIAL TOWN MEETING

### REFERENDUM ON PLAYGROUND

### TOWN WARRANT

COMMONWEALTH OF MASSACHUSETTS, MIDDLESEX SS.

To either of the Constables of the Town of Reading, Greeting:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of

the Town of Reading, qualified to vote in elections and Town affairs, to meet in Lower Lyceum Hall, in said Reading, on Monday, the fifteenth day of December, A. D. 1913, at two o'clock in the afternoon, to bring in their votes to the Selectmen on the following question: Shall the following vote passed at the town meeting held on the third day of November, 1913, be ratified?

Voted, that for the purpose of acquiring land of Sumner E. Claggett, containing fifteen acres more or less, for a public playground, in accordance with Section 19, Chapter 28, of the Revised Laws and amendments thereto:

Ordered that the Town Treasurer under direction of the Selectmen issue notes or bonds of the Town, payable one thousand (\$1000) dollars each year at a rate of interest not exceeding five per cent. per annum.

The polls will be opened at two o'clock P. M. and may be closed at nine o'clock P. M.

Hereof fail not and make due return of this warrant with your doings thereon, to ourselves at or before the time appointed for said meeting.

Given under our hands this twenty-ninth day of November, A. D. 1913.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.

READING, December 8, 1913.

By virtue of the within warrant, I have this day notified and warned the inhabitants of the Town of Reading qualified to vote in elections and Town affairs, to meet in the place and at the time within specified by posting attested copies of the same in the following public places, within the said Town of Reading, namely: Willis' drug store, Post Office, Lyceum Hall building, Electric Light office, Frank Parker's barber shop, Horrocks' store, Morse's lunch room, Main

street barber shop, Danforth's drug store, Badger's real estate office, Town Building, Moran's barber shop, Salem street garage, Pierce's organ pipe factory, William A. Rich's market, Reading Co-operative building, Cummings' express office, Myers' lunch room, Reading depot, Hancock engine house, the same being more than seven days before the return hour thereof, and causing the same to be published in the Reading Chronicle, issue of December 12, 1913, the the same being more than one day before the return hour thereof.

Signed, ARDINE M. ALLEN,  
Constable of the Town of Reading.

READING, MASS., December 15, 1913.

Pursuant to the foregoing warrant and the Constable's return thereon, a town meeting was held at the time and place specified therein and was called to order by the Chairman of the Board of Selectmen, Edwin L. Hutchinson. The warrant was partly read when it was moved by Otis B. Ruggles that further reading of warrant be dispensed with except the Constable's return and it was so voted.

The following ballot clerks were duly sworn by the Town Clerk, Millard F. Charles:

Chester O. Richardson, George M. Hutchinson, Samuel Rounds, James A. Freeman, James A. Waters, Bartholemew J. Lehan, Richard N. B. Wilson.

The ballot box was duly opened, examined and found empty and registered 0000. The ballots were delivered to the Chairman of the Board of Selectmen, he receipting for the same. Then the polls were duly declared open.

On motion of James W. Killam it was voted to close the polls at nine o'clock P. M.

The polls were duly closed at nine o'clock P. M., the ballot box registering that 518 votes had been cast. The ballot clerks reported that the check lists showed that 517 names

had been checked and the tellers reported that 517 votes had been counted with the following result:

Shall the vote whereby it was voted by the Town to purchase "Claggett's Land," so called, be ratified by a referendum vote as per Chapter 276, Acts of 1910, and amended by Chapter 359, Acts of 1912?

Yes . . . . .	151
No . . . . .	366

And it was declared not a vote to purchase Claggett's property.

The ballots were duly sealed and delivered to the Town Clerk, whereupon it was voted to adjourn.

MILLARD F. CHARLES,  
Town Clerk.

## DOGS LICENSED DURING YEAR 1913

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Whole number of dog licenses issued	.	.	.	322
39 female licenses issued at \$5.00	.	.	\$195	00
283 male licenses issued at \$2.00	.	.	566	00
				<hr style="width: 50%; margin-left: auto;"/>
Total cash received	.	.	\$761	00
Less fees for 322 licenses at 20 cents			64	40
				<hr style="width: 50%; margin-left: auto;"/>
Total paid County Treasurer	.	.		\$696 60
June 1, 1913, paid County Treasurer	.		\$486	00
Dec. 1, 1913, paid County Treasurer	.		210	60
				<hr style="width: 50%; margin-left: auto;"/>
Total paid County Treasurer	.	.		\$696 60

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## HUNTERS' LICENSES ISSUED YEAR 1913

170 Hunters' Licenses issued at \$1.00	.	.	.	\$170 00
170 Hunters' Licenses fees at 15 cents	.	.	.	25 50
				<hr style="width: 50%; margin-left: auto;"/>
Due Fisheries and Game Commissioners	.		\$144	50
Paid Fisheries and Game Commissioners	.		\$144	50

MILLARD F. CHARLES,  
Town Clerk.





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**BIRTHS, MARRIAGES AND DEATHS**

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# BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
Jan. 2	M	Paul Harry Green.....	Karl and Dora (Levik) Green
Jan. 3	M	John Walter Frotton.....	Fred J. and Mary J. (Doucette) Frotton
Jan. 7	F	Gertrude Ella Murphy .....	John W. and Beulah (Burch) Murphy
Jan. 12	M	Kenneth Chandler Holden...	Lewis C. and Grace H. (Milbury) Holden
Jan. 13	M	William Franklin Burnham...	W. Franklin and Florence (Jackson) Burnham
Jan. 14	M	Robert Leonard Livingstone...	Leonard A. and Laura (Murree) Livingstone
Jan. 25	M	Joseph Clarence White... ..	Edward J. and Annie S. (White) White
Jan. 27	M	James Smart Perry .....	George B. and Olive S. (Smart) Perry
Jan. 28	M	Jefferson Kiel Barnekov .....	Jefferson K. and Myrtle (Conkling) Barnekov
Jan. 28	M	Frank Garfield Stiles .....	Frank G. and Etta E. (Johnson) Stiles
Jan. 29	F	Madeline Augustine Esty....	Roy L. and Grace L. (Upton) Esty
Jan. 30	F	Anna De Vista .....	Gaimsudo and Gizrannia (Ruiana) De Vesta
Feb. 12	F		
Feb. 13	M	Woodrow Augustine Cutcliffe	James E. and Josephine (Olsen) Cutcliffe
Feb. 16	M	John Duncan Brennan .....	John G. and Sarah L. (Hamilton) Brennan
Feb. 18	M	William Robert Muse.....	Joseph W. and Fannie M. (Doucette) Muse
Feb. 18	F	Grace Elizabeth Ellis .....	Alfred W. and Alice (Shanahan) Ellis
Feb. 18	F	Thelma May Dimock .....	Ernest F. and Elizabeth A. (Burke) Dimock
Feb. 25	M	John Elmer Keith.....	John J. and Mabel (Bowman) Keith
Mar. 5	F	Louise Aloysius Desmond...	Daniel J. and Nora (Driscoll) Desmond
Mar. 6	F	Gladys May Ridlon .....	Charles A. and Eva M. (Pendleton) Ridlon
Mar. 7	F	Elizabeth Hillman Jeffrey ..	William G. and Bessie (Hillman) Jeffrey
Mar. 10	M	Joseph H. Doucette .....	Robert E. and Mary (Doucette) Doucette
Mar. 20	F	Verna Eileen Mitchell .....	Fred G. and Bertha L. (Pierce) Mitchell
Mar. 22	M	Robert Austin Dodge.....	Harry B. and Mildred (Haley) Dodge
Mar. 25	F	Florence Marchetti.....	James and Marie (Bartolina) Marchetti
Mar. 29	F	Mary Ellen Hickey .....	James J. and Margaret (Malaney) Hickey
Mar. 29	F	Doris Sylvia Meuse.....	Edward F. and Florence M. (Muse) Meuse
Mar. 30	M		
Apr. 8	M	Wallace Martin Hubbard .....	John A. and Celenie (Amiro) Hubbard
Apr. 11	F	Ruth Ella Kingsley.....	Leroy I. and Lucy B. (Stewart) Kingsley
Apr. 15	M	Walter Edward Thomas.....	George and Margaret (Burns) Thomas
Apr. 21	F	Ada Elizabeth Tait.....	Joseph and Lottie L. (Stock) Tait
Apr. 24	F	Lucelle Clifford .....	James J. and Loraine (Cushman) Clifford
Apr. 26	M	Nelson O'Brien .....	John J. and Edith (Nelson) O'Brien
Apr. 27	M	Robert Earl Cowles .....	Henry W. C. and Minnie (Halse) Cowles
Apr. 29	M	Walter Frederick Ingalls .....	George J. and Mary H. (Mellen) Ingalls
May 2	F		
May 6	F	Arthur Braman Low .....	Oscar H. and Charlotte K. (Arthur) Low
May 8	F	Blanche M. White.....	Hervie and Josephine (Amereault) White
May 16	M	Arthur Victor Buote .....	Arthur J. and Margaret (Martin) Buote
May 21	F	Virginia Constance Smith...	Alfred B. and Catherine (Burke) Smith
May 22	F	Elizabeth May Pendergrace...	Arthur E. and Minnie E. (Gallant) Pendergrace
May 24	M	Victor Herbert Cail .....	Fred W. and M. Elizabeth (McMichael) Cail
May 25	F	Alice Richardson .....	Floyd and Alice (Heselton) Richardson
May 28	M	Roy James Barnes.....	Roy J. and Florence S. (Hoff) Barnes
June 1	M		
June 4	M	Gilbert Curtis Watts .....	Roland H. and Clara B. (Simpson) Watts
June 5	F	Hulda Grace Crosby.....	Edward A. and Mary M. (Hubbard) Crosby
June 8	F	Margaret Elizabeth Greene...	Timothy G. and Delia (Higgins) Greene
June 16	F	Elizabeth Burrage.....	Alvah L. and Louise B. (Eames) Burrage
June 21	M	Jeremiah Cullinane .....	Jeremiah and Annie (Blake) Cullinane
June 23	M	Leonard Daniel McLeod.....	Daniel G. and Annie L. R. (Martin) McLeod
June 26	M	Charles Robert Heselton .....	Charles H. and Minnie (Porter) Heselton
June 29	M	Richard Granger Karch .....	Ralph J. and Clover (Granger) Karch

# BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
July 6	F	Maude La Loud.....	William and Helen (Derby) La Loud
July 10	F		
July 20	F	Lillian Frances McCarthy...	John J. and Catherine F. (Penney) McCarthy
July 23	M	William Franklin Hier. ....	Thurman J. and Eva F. (Strong) Hier
July 24	M	Edgar Carl John Kampersall	Charles and Lucy (Janowitz) Kampersall
July 24	F	Olive May Woodbridge.....	Chester M. and Viola M. (Howe) Woodbridge
July 28	M	Edwin Everett Hathaway...	Charles A. and Grace (Shackley) Hathaway
Aug. 6	F		
Aug. 7	F	Katherine Spencer .....	Carl M. and Elizabeth B. (Beaudry) Spencer
Aug. 9	M	Elmer Francis McIntire ...	Melvin S. and Elizabeth (Bell) McIntire
Aug. 17	M	John Joseph Goff. ....	John W. and Josephine M. (Cummings) Goff
Aug. 20	F	Mary Isabelle Smith.....	Edward M. and Mary E. (Denehey) Smith
Aug. 20	M	Bartholemew Carney.....	Bartholemew and Mary (Crowley) Carney
Aug. 23	F		
Aug. 23	M	Charles Edward Folsom.....	Robert M. and Hattie F. (Skillen) Folsom
Sept. 6	M	Herbert Francis Carter.....	Francis A. and Alice M. (Griffiths) Carter
Sept. 10	F	Barbara Foster Livermore ..	Harold C. and Harriet (Foster) Livermore
Sept. 10	M	James Sheehan.....	Daniel and Hannah (Hagerty) Sheehan
Sept. 14	F	Norma Mildred Waldron ...	Edward P. and Edna L. (Clough) Waldron
Sept. 21	M	Howard Wesley Weaver . .	Howard W. and Alice M. (Newcomb) Weaver
Sept. 26	M	James McKay Robson.....	James M. and Anna (Kankuba) Robson
Sept. 28	M	Ralph Ernest Vanhon.....	William H. and Dora (Morrison) Vanhon
Sept. 28	M	Lawrence Heselton.....	Carl E. and Lovis (Jaquard) Heselton
Sept. 30	M	James Edward Robbins ....	Jeffrey and Emily (Doucette) Robbins
Oct. 9	F	Sarah Annette Davis.....	Charles and Florence I. (Marshall) Davis
Oct. 10	F	Marguerite Frost.....	James E. and Marguerite (Bartlett) Frost
Oct. 10	F	Jean Gladys Goodale .....	William F. and Gladys V. (Parks) Goodale
Oct. 13	M		
Oct. 15	M	Walter Baldwin Knight.....	Walter B. and Grace H. (Fernald) Knight
Oct. 16	M	Charles Ellsworth White.....	Charles P. and Jeanette (Eldridge) White
Oct. 19	M	Frank Cate.....	Frank and Lucille (Abbott) Cate
Oct. 19	F	Helen Adelaide Groff.....	Edward L. and Annie M. (Lewis) Groff
Oct. 24	M	John Kenneth Burbine ....	John A. and Lavinia (Colcord) Burbine
Oct. 29	M	John Neal Briggs .....	Edward W. and Edith (Hutchinson) Briggs
Oct. 30	M	Francis Paul Riley .....	George J. and Louise J. (Ingalls) Riley
Nov. 3	F	Mabel Harriet Lind.....	Frank E. and Alice M. (Burnside) Lind
Nov. 5	M	Lawrence A. Morrison .....	W. Homer and Ethel A. (Alger) Morrison
Nov. 5	M		
Nov. 8	F	Doris L. Johnson .....	Levi H. and Irene L. (Betts) Johnson
Nov. 9	M	Herbert Richmond Heselton.	Ralph F. and Harriet M. (Carter) Heselton
Nov. 13	F	Norma Ellsworth Perry.....	Rolland L. and Lottie F. (Abbott) Perry
Nov. 21	F	Agnes Louise Clement....	Frank E. and Annie (Doucette) Clement
Nov. 23	M	Bernard Joseph Peters.....	Joseph L. and Marie (Peters) Peters
Nov. 24	M	Francis James Murphy.....	William J. and Xavier (Maher) Murphy
Nov. 28	M	Stanland Ellsworth Harrop..	Ernest and Anna E. (Long) Harrop
Nov. 28	F	Margaret Cummings .....	Dennis F. and Mary E. (Connelly) Cummings
Dec. 8	F	Edith May Ratcliffe .....	Edward F. and Annie E. (Rogers) Ratcliffe
Dec. 12	M	Harry Edward Froton.....	Raymond and Phylene (Doucette) Froton
Dec. 16	F	Bertha Olive Nichols.....	Elmer B. and Rena (Flanders) Nichols
Dec. 19	F	Dorothy Wheeler Berle.....	Theodore P. and Avis W. (Hill) Berle
Dec. 19	F	Ethel Anderson .....	Ancil and Margaret (O'Brien) Anderson
Dec. 19	M	Stanley Warren Moore .....	Edward A. and Clarissa E. (Warren) Moore
Dec. 23	M		
Dec. 24	M	Charles Sumner Deering ....	Charles S. and Charlotte M. (Trowbridge) Deering
Dec. 28	M	Irvin Cornelius Brogan .....	Thomas J. and Alice M. (White) Brogan
Dec. 29	M	Baymond Foster Nelson.....	Raymond T. and Elizabeth C. (Foster) Nelson

## BIRTHS IN OTHER YEARS OMITTED

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
1893			
Oct. 21	F	Zoia Ruth Lampro.....	Edward J. and Sarah (Fortier) Lampro
1895			
Jan. 15	M	Jesse Parker Thorn .....	Jesse S. and Nellie G. (Parker) Thorn
1904			
June 24	M	Hazen Curtis. ....	Hazen and Martha (Campbell) Curtis
1906			
Oct. 27	M	George Edward Curtis.....	Hazen and Martha (Campbell) Curtis
1907			
June 9	F	Dorothy Emerson Whall.....	Richard A. and Grace B. B. (Tozier) Whall
1912			
Feb. 20	M	Gerald Edward Cummings ..	Dennis F. and Mary E. (Connelly) Cummings
June 17	F	Edna Louise Cole.....	Edwin F. and Belle (Lamprey) Cole
June 18	M	Roscoe Clark Wallace .....	Roscoe C. and Edith V. (Tarbox) Wallace
June 26	M	William Walter Goff.....	John W. and Josephine M. (Cummings) Goff
July 10	M	Kenneth Wright Brown.....	Arthur H. and Nellie A. (Kenney) Brown
Dec. 29	F	Fowler.....	Albert E. and Josephine (Lane) Fowler

Whole number of Births, 123. Nativity of Parents: American born Males, 8; American born Females, 7; Foreign born Males, 49; Foreign born Females, 39.

# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLBCE
1912				
Oct. 2	Arthur W. Bancroft .....	27	Clerk .....	Reading, Mass.
	Grace M. Stimpson .....	23	Stenographer .....	Reading, Mass.
1913				
Jan. 7	Jeffrey Robbins.....	23	Carpenter .....	Bellville, N. S.
	Ann Emily Carpenter.....	19	Mill Hand .....	Bellville, N. S.
Feb. 4	Joseph L. Weston.....	34	Conductor .....	Reading, Mass.
	Hattie E. Blake .....	24	None .....	Woburn, Mass.
Feb. 10	Chester Wills Brown .....	31	Broker .....	Reading, Mass.
	Bertha Blake Hoyt.....	29	None .....	Boston, Mass.
Feb. 10	Frederick E. Merrill .....	29	Auditor .....	Woburn, Mass.
	Laura Byther Bestwick.....	29	Stenographer .....	Roxbury, Mass.
Feb. 15	George S. Squires.....	43	Superintendent .....	Naugatuck, Ct.
	Jeannette Vincent Tucker.....	23	None .....	Memphis, Tenn.
Feb. 16	Arthur Corydon Eastman.....	36	Foreman .....	Stow, Me.
	Charlotte Elizabeth Briggs.....	36	None .....	England
Mar. 2	Charles Kampersal .....	22	Organ Pipe Maker ....	Russia
	Lucy Janewitz .....	18	Laundry .....	Brighton
Mar. 15	Clarence Reuben Horton.....	23	Salesman ..	Rockland, Mass.
	Bertha Harriet Crafts .....	27	None .....	Worcester, Mass.
Mar. 19	Hans W. Jorgensen .....	29	Farmer .....	Norway
	Fannie M. Sanderson.....	24	Housework.....	Prince Edward Isle
Mar. 22	Howard J. Stearns.....	23	Salesman .....	Boston, Mass.
	Eleanor Dunshee.....	22	Stenographer.....	Charlestown, Mass.
Mar. 29	A. Shirley Dike .....	22	Enameler.....	Hampden, Me.
	Helen Jane Burbine.....	18	None .....	Reading, Mass.
Apr. 5	Thomas Vasco McClintock.....	30	Hydraulic Engineer ..	Dover, N. H.
	Selma Theolinda Johnson.....	29	Knitter .....	Sweden
Apr. 8	Daniel F. Horne.....	24	Painter .....	Nova Scotia
	Emily M. L. Hamm.....	20	None .....	Nova Scotia
Apr. 11	Edward A. Connor .....	29	R. R. Man .....	New Brunswick
	Regina M. Squires .....	18	None .....	Cambridge, Mass.
Apr. 12	Louis G. Dulong .....	20	Car Repairer.....	Reading, Mass.
	Olive Turner .....	20	None .....	Reading, Mass.
Apr. 17	Charles Henry Maunder.....	33	Compositor ..	Chelsea, Mass.
	Mabel Frances Eaton .....	32	None .....	Andover, Mass.
Apr. 21	John Babine.....	23	Fisherman .....	Nova Scotia
	Anna E. Surrette .....	18	None .....	Nova Scotia
Apr. 22	Charles S. Young.....	49	Bookkeeper .....	Winchester, Mass.
	A. Blanche Little .....	29	Nurse .....	Newbury, Mass.
Apr. 23	Harris D. Gates.....	29	Carpenter .....	Nova Scotia
	Rose Maher .....	26	Domestic .....	New Foundland
Apr. 30	William Thomas Goode.....	27	Salesman .....	Charlestown, Mass.
	Ruby Amelia Oxley .....	23	Stenographer .....	Wakefield, Mass.
May 1	Joseph L. Peters.....	27	Machine Operator.....	Prince Edward Isle
	Marie Peters.....	21	Domestic .....	Prince Edward Isle
May 1	George L. Hubbard.....	42	Druggist .....	Medford, Mass.
	Mattie A. Morse .....	43	Chef.....	Whitefield, N. H.
May 5	Elmer S. Harris.....	70	Retired .....	Haverhill, Mass.
	Letitia Beattie .....	60	Retired .....	Ireland
May 8	Frederic M. Day .....	27	Letter Carrier.....	Reading, Mass.
	Mary Lucy MacNeil.....	23	Telegrapher.....	Cape Breton
May 29	Walter H. Thurston.....	33	Moulder .....	Madison, N. H.
	Pearl Warren .....	23	Stenographer .....	Conway, N. H.
May 29	Charles Burbine.....	24	Carpenter .....	Nova Scotia
	Mary E. Muse.....	21	None .....	Wilmington, Mass.



# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLACE
June 1	Daniel Joseph O'Keefe.....	30	St. R. R. Employee.....	Ireland
	Bridget Mary McDonough .....	28	Domestic .....	Ireland
June 2	Ernest E. Clapp.....	36	Electrician .....	Dorchester, Mass.
	Marian A. Bennett.....	38	Stenographer .....	Dorchester, Mass.
June 7	Harvard Wilson Kittredge.....	25	R. R. Fireman .....	Waltham, Me.
	Annetta Maude Carter.....	27	Stenographer .....	New Brunswick
June 9	Herbert S. Clark .....	23	Blacksmith .....	No. Reading, Mass.
	Ida M. McIntire.....	19	None .....	No. Reading, Mass.
June 10	Frank Blood .....	33	Trainman .....	No. Chelmsford, Mass.
	Edith Frances Warren.....	33	None .....	Woburn, Mass.
June 14	George B. Beaudry.....	24	Mfg. Jeweler.....	Roxbury, Mass.
	Jennie Marion Gerry.....	24	None .....	Lynnfield, Mass.
June 14	Albert B. Carr.....	58	Shoe Maker .....	Candia, N. H.
	Amelia Sinton.....	48	Seamstress .....	New Brunswick
June 22	Everett W. Brown.....	23	Conductor .....	No. Reading, Mass.
	Helen M. Sweeney .....	19	Bookkeeper.....	Woburn, Mass.
June 25	Ralph W. Foster.....	21	Mechanic .....	Wakefield, Mass.
	Nellie Warner.....	22	Necktie Worker.....	Boston, Mass.
June 29	Charles Merrill.....	56	Teamster .....	Livermore, Me.
	Estella A. Bumpus.....	46	Housekeeper.....	Newburyport, Mass.
June 30	Joseph Oliver Carroll.....	25	Teacher .....	Lanesboro, Mass.
	Minnie Agnes Ernst.....	27	None .....	Pittsfield, Mass.
June 30	Chester A. Jenkins.....	24	School Master .....	Beverly, Mass.
	Louise M. Dunlap.....	23	Teacher .....	Rochester, N. H.
June 30	Roland Rounds.....	34	Com. Traveller.....	Boston, Mass.
	Anna Elizabeth Licht.....	25	None .....	Brooklyn, N. Y.
July 8	William A. Doucette.....	22	Teamster .....	Nova Scotia
	Mary Muse.....	24	None .....	Reading, Mass.
July 15	William Edw. Coulter .....	24	Tel. Inspector .....	Nova Scotia
	Rachel Eva Phinney .....	21	Operator .....	Wakefield, Mass.
July 16	Walter E. Davis.....	26	Clerk .....	Woodstock, Ct.
	Jessie F. Peppard.....	21	None .....	Woburn, Mass.
July 19	Ernest O. Smith.....	32	Shoe Maker .....	Hopkinton, Mass.
	Flora Marratt.....	27	Shoe Worker .....	Province Quebec
Aug. 2	Elba Augustus Buckman .....	26	P. O. Clerk.....	Woodstock, Vt.
	Gertrude Elizabeth Oxley.....	26	Teacher .....	Wakefield, Mass.
Aug. 11	William DeForest Ross.....	45	Clerk .....	Portland, Me.
	Lena May Macdonald .....	38	Clerk .....	Somerville, Mass.
Aug. 14	John Perry.....	20	Mill Hand .....	Prince Edward Isle
	Mary Waters.....	20	Mill Hand .....	Reading, Mass.
Aug. 20	Roy Richard Nichols.....	22	Investigator .....	Reading, Mass.
	Mabel McBride.....	22	None .....	Charlestown, Mass.
Aug. 22	Henry J. O'Connell .....	26	Clerk .....	Chelsea, Mass.
	Marion S. Bancroft .....	23	None .....	Reading, Mass.
Aug. 30	Alexander Richmond .....	25	Water Works.....	Scotland
	Georgia Amelia Putnam .....	20	None .....	Reading, Mass.
Aug. 30	Eden K. Bowser.....	39	Lawyer.....	New Brunswick
	Lulu Beebe Gould.....	27	None .....	Reading, Mass.
Aug. 31	Myer Prail .....	20	Tailor .....	Russia
	Rose Trailazar .....	20	Dressmaker .....	Poland
Sept. 6	Oscar William Batchelder.....	24	Clerk .....	Reading, Mass.
	Dorothy Jaquith .....	19	Bookkeeper.....	Andover, Mass.
Sept. 8	Augustus C. Wiswall .....	28	Manufacturer .....	Wellesley, Mass.
	Alice F. Griffiths.....	21	None .....	Wakefield, Mass.
Sept. 10	Chesley Preston Colson .....	32	Machinist .....	Etna, Me.
	Ariana Pearson Foster.....	34	Stenographer .....	Lawrence, Mass.
Sept. 16	Dana Prescott Hadley .....	44	Manufacturer .....	Lyndeboro, N. H.
	Grace Elizabeth Putnam.....	41	Teacher .....	Lowell, Mass.

# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLACE
Sept. 20	Charles A. McIntire.....21		Machinist .....	Reading, Mass.
	Marion O. Cutter.....23		Necktie Worker.....	Wilmington, Mass.
Sept. 22	Joseph D. Logan.....23		Machinist ....	Reading, Mass.
	Mary M. Aitkenhead.....18		None .....	Garfield, N. J.
Sept. 24	William D. Stanley.....40		Mechanic ....	Province Quebec
	Agnes Wilson .....39		Shoe Worker .....	Lawrence, Mass.
Sept. 24	Robert Denham Lowell.....22		Shoe Cutter .....	Cambridge, Mass.
	Lillian Frances Hanscom .....20		Clerk .....	Stoneham, Mass.
Oct. 4	Roger Poole Chase .....24		Clerk .....	Salem, Mass.
	Ruth Sarah Sayward.....23		None .....	Melrose, Mass.
Oct. 6	Edwin Fairweather.....26		Minister .....	England
	Grace Edna Wright.....19		None .....	St. Louis, Mo.
Oct. 8	Wilber A. Perkins .....22		Clerk .....	Danvers, Mass.
	Mary Etta Meers.....22		Stenographer .....	Lowell, Mass.
Oct. 9	John D. Muse.....23		Shoe Worker ....	Nova Scotia
	Irene M. Doucette.....21		Mill Hand .....	Reading, Mass.
Oct. 11	O. Edwin Ames .. .25		Machinist .....	Somerville, Mass.
	Ethel F. Swain .....26		None .....	Reading, Mass.
Oct. 18	Warren H. Grant .. .22		Shoe Worker .....	Boston, Mass.
	Annie C. Hayes.....24		Shoe Worker .....	Haverhill, Mass.
Oct. 19	John Marven Burnham.....23		Rattan Worker.....	Reading, Mass.
	Mary E. Roach.....23		None .....	Wakefield, Mass.
Oct. 29	Edward B. Mason.....37		Chauffeur .....	Somerville, Mass.
	Mabel Harrop.....30		Dressmaker .....	Canada
Oct. 29	William Milo Leach.....29		Electrician .....	Goodground, N. Y.
	Florence Annie Turner.....23		Stenographer .....	No. Reading, Mass.
Nov. 6	Robert Emerson Parker.....25		Civil Engineer.....	Reading, Mass.
	Edith Lynwood Ives. ....26		None .....	Malden, Mass.
Nov. 7	Norman McLeod .....31		Upholsterer .....	Prince Edward Isle
	Blanche Partridge . ....34		Waitress .....	Prince Edward Isle
Nov. 12	Arthur G. Winship.....23		Clerk .....	Reading, Mass.
	Asunta Michelinei.... .23		None .....	Reading, Mass.
Nov. 19	Benjamin F. Flanders.....54		Conductor .....	E. Clarendon, Vt.
	Isabelle Siders .....34		None .....	Cambridge, Mass.
Nov. 20	Charles Lyman Richardson ..46		Broker .....	Reading, Mass.
	Ada Browne Horton .....30		Bookkeeper .....	Eastham, Mass.
Nov. 26	Henry W. Johnson.....61		Farmer .....	Norwich, Ct.
	Jennie F. Wright.....62		None .....	New Brunswick
Nov. 26	John F. Curran .....24		Plumber.....	Wakefield, Mass.
	Katherine D. Galvin.....24		Laster .....	Reading, Mass.
Nov. 26	Albert A. Joyce.....25		Clerk .....	Petraro, Cal.
	Mary V. Dulong.....18		Operator .....	Reading, Mass.
Nov. 27	Paul L. Peters.....35		Rubber Worker .....	Prince Edward Isle
	Catherine Winefred Botts.....33		Shoe Worker .....	Prince Edward Isle
Nov. 29	Grover Chase Eaton.....27		Fireman.....	No. Reading, Mass.
	Eleanor Pearl Best.....28		None .....	Nova Scotia
Dec. 28	Frank McCloud Wheeler.....21		Teamster .....	Nova Scotia
	Elsie May White .....17		Mop Maker.....	Reading, Mass.

Whole number of marriages, 79. American born: Males, 57, Females, 59. Foreign born: Males, 22, Females, 20.

# DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	NAME	Y	M	D	CAUSE OF DEATH
1912					
Dec. 18	James A. Waters .....	22	7	18	Accidental
1913					
Jan. 9	Freeman A. Marshall.....	40	2	18	Exepththalmic Goitre
Jan. 10	Mary A. Dodge.....	60	2	3	Carcinoma
Jan. 11	Abbie A. Elliott.....	88	6	10	Lobar Pneumonia
Jan. 11	Mary Frances Granville .....	62	7	9	Dilation of Heart
Jan. 12	Mary A. Wright .....	79	1	10	Broncho Pneumonia
Jan. 16	Sarah M. Kimball .....	83	2	19	Pneumonia
Jan. 20	Arthur D. Stratton .....	4	7	26	Cerebro Spinal Meningitis
Jan. 23	Mabel H. Graham .....	36	5	27	Bulbar Paralysis
Jan. 27	Jennie A. Wheeler.....	88	1	29	Broncho Pneumonia
Jan. 29	Richmond Heselton .....	84	11	24	Arterio Sclerosis
Jan. 30	Chester C. Kingman .....	39	8	28	Cardiac Embolism
Jan. 30	John L. Merrill.....	79	8	1	Pneumonia
Jan. 31	John Michael Cullinane .....	34	4	4	Lobar Pneumonia
Feb. 11	Caroline L. Browne.. .....	78	1	6	Angina Pectoris
Feb. 12	Male.....				
Feb. 13	Annie L. Neiss.....	27	1	6	Eclampsia
Feb. 14	Mary E. Fairbanks.....	56	10	25	Carcinoma
Feb. 14	Harriett A. Blake.....	77	5	24	Carcinoma
Feb. 15	Clara L. Eames.....	57	5	0	Cancer
Feb. 20	James S. Millbery.....	46	8	0	Tuberculosis
Feb. 28	Warren K. Temple.....	69	7	8	Cerebral Hemorrhage
Mch. 2	Nellie M. Barrett .....	50	7	17	Valvular Disease of Heart
Mch. 4	George B. Adams .....	49	11	11	Aneurism of Aorta
Mch. 6	Henry Robinson.....	65	1	9	Lymphosarcoma
Mch. 12	Isabella Brown.....	83	3	3	Arterio Sclerosis
Mch. 12	Mary A. McAndrews.....	89	7	25	Pneumonia
Mch. 17	Edward H. Palmer.....	65	0	13	Angina Pectoris
Mch. 24	Laura E. Fish.....	55	4	25	Myocarditis
Mch. 30	Male.....				
Apr. 5	Edna Adams.....	32	0	0	Surgical Shock
Apr. 12	Lucinda S. Young.....	73	1	25	Cerebral Hemorrhage
Apr. 13	Catherine A. Abbott.....	53	9	9	Myocarditis
Apr. 14	Lizzie Mabel Nichols.....	39	9	17	Carcinoma
Apr. 27	S. G. Bradley Pearson .....	81	2	5	Chronic Bronchitis
May 1	Female.....				
May 7	Mary S. Dulong.....	19	8	4	Cerebral Hemorrhage
May 9	Albert Mersereau.....	0	8	9	Marasmus
May 14	John K. Meader.....	85	9	15	Valvular Heart Disease
May 14	Beatrice M. Swaine.....	23	3	5	Phthisis
May 15	Joseph R. White .....	78	2	9	Gangrene of Foot
May 19	Henry Gorus .....	89	1	18	Pneumonia
May 27	Caroline Frances Austin.....	74	5	17	Rheumatism
May 28	Kenneth McConbry.....	0	9	4	Meningitis
May 30	Lucy A. Harding.....	76	0	13	Cerebral Hemorrhage
May 31	Mary T. Jackson.....	88	11	7	Senile Dementia
June 1	Male.....				
June 1	John A. Blunt.....	79	7	23	Apoplexy
June 5	Clara M. Jones.....	77	0	7	Pneumonia
June 5	Amos Strong.....	62	3	20	Tuberculosis
June 7	Euphemia Macdougall.....	54	3	27	Carcinoma
June 13	Betheda Mersereau.....	0	9	12	Intestinal Indigestion
June 16	Caroline C. White.....	70	2	1	Sarcoma

# DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1913

DATE	NAME	Y	M	D	CAUSE OF DEATH
June 13	Clara Elizabeth Southwick....	73	2	0	Ossificale of Heart
June 19	Ellura J. Parker.....	64	9	24	Carcinoma
June 22	Ella Mabel Green .....	63	4	4	Brights Disease
June 22	Royal Weston.....	59	8	1	Hemorrhage of Brain
June 23	William H. Badger.....	63	0	9	Sclerosis of Heart
June 23	Sarah E. Newhall.....	31	8	6	Apoplexy
July 3	Ruth Richardson.....	0	8	9	Malnutrition
July 10	Female.....				
July 13	John J. Lane .....	53	0	8	Nephritis
July 13	William Hazen Bancroft.....	81	2	19	Arterio Sclerosis
July 14	Mary Elizabeth Leville.....	59	8	20	Tuberculosis
July 18	John A. Stinchfield.....	57	1	18	Cardiac Dilation
July 22	Albert F. Emerson.....	66	4	16	Cerebral Hemorrhage
July 24	Elizabeth Croteau.....	35	2	0	Tumor
Aug. 1	David J. Condon.....	37	4	0	Sarcoma
Aug. 6	Female.....				
Aug. 19	Thomas J. White.....	63	5	28	Carcinoma
Aug. 20	William W. Davis.....	71	5	4	Arterio Sclerosis
Aug. 24	John Joseph Goff.....	0	0	7	Icterus Neonatorium
Aug. 25	Frederika E. Wilton.....	46	0	0	Cancer
Aug. 26	Female.....				
Sept. 1	Martin J. Murray.....	40	0	0	Leukemia
Sept. 8	Elvira A. Claggett.....	67	10	0	Cerebral Hemorrhage
Sept. 9	Harriett A. Turner.....	51	7	11	Tuberculosis
Sept. 10	Annie M. Eames.....	70	11	0	Apoplexy
Sept. 11	Mary Angelina Sanborn.....	67	11	14	Spinal Paralysis
Sept. 15	Kirk Sweetser.....	73	6	1	Myocarditis
Sept. 16	Frances L. McCarthy.....	0	3	0	Marasmus
Sept. 24	Sarah E. Hanley.....	84	11	7	Arterio Sclerosis
Oct. 1	John S. Doucette.....	63	5	26	Apoplexy
Oct. 10	Florence Mabel Porter.....	11	6	6	Valvular Disease of Heart
Oct. 11	Sven Hj. Wiberg.....	40	1	4	Bullet Wound
Oct. 13	Aristides Whittier.....	60	9	25	Hemorrhage
Oct. 16	Elwin E. Hathaway.....	0	2	13	Malnutrition
Oct. 21	Sarah C. Pierce.....	95	2	9	Bronchitis
Oct. 29	Mary Adelaide Barnekov.....	49	1	1	Carcinoma
Nov. 3	Vincent Griffin.....	39	2	0	Multiple Injuries
Nov. 6	Mary E. Hartshorn.....	46	2	30	Valvular Disease of Heart
Nov. 15	Eliza S. Guptill.....	81	7	22	Cardiac Embolism
Nov. 16	Jennie D. Parker.....	57	5	6	Collitis
Nov. 18	S. Elizabeth P. Wallace.....	45	1	22	Cirrhosis of Liver
Dec. 4	George F. Buck.....	81	3	21	Cerebral Hemorrhage
Dec. 11	William Horatio Clarke.....	73	9	3	Nephritis
Dec. 12	Raymond L. Cloudman.....	8	4	18	Diabetes
Dec. 18	T. Tolman Briggs.....	81	6	5	Arterio Sclerosis
Dec. 22	Elizabeth Babb.....	84	7	6	Valvular Carditis
Dec. 23	Male.....				

Whole number of deaths, 100. Males: American born, 37; Foreign born, 8. Females: American born, 49; Foreign born, 6.

NOTICE TO PARENTS, HOUSEWIVES,  
PHYSICIANS AND MIDWIVES

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Your Attention is Called to the Sections Below Taken from  
the Revised Laws. — Blank Forms for Return of Births  
Can be Obtained of the Town Clerk

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SECTION 3, CHAPTER 444, ACTS OF 1897

SECT. 3.—Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father. If the child is illegitimate the name of the father shall not be stated, unless at the joint request in writing of both father and mother, which request shall be filed with the return of births. The fee of the physician or midwife shall be twenty-five cents for each birth so reported, and shall be paid by the city or town in which the report is made, upon presentation of a certificate from the city or town clerk, stating that said births have been reported in conformity with the requirements of this section. Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SECTION 6, CHAPTER 444, ACTS 1897

SECT. 6.—Parents and householders shall within forty (40) days after the date of a birth occurring in his house give thereof or cause such notice to be given to the clerk of the city or town in which such child is born.

MILLARD F. CHARLES,  
Town Clerk.







## REPORT OF SELECTMEN

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TO THE CITIZENS OF READING :

We submit herewith our report for the year ended December 31, 1913.

### HIGHWAYS

Edward H. Crowe was reappointed Superintendent of Streets and his work has been satisfactory to the board. Because of the open winter there has been more done than for some years past.

The Superintendent has built Dudley street, from High street to School street, under a special appropriation voted at the annual town meeting. He has also resurfaced West street, from the Wilmington town line to the top of Jones' Hill, and has resurfaced Haverhill street, from the North Reading line to a point about 500 feet south of Franklin street. Both of these jobs were also done under special appropriations.

In conjunction with the State Highway Commission and under its direction the Superintendent has constructed 2100 feet of macadam on Lowell street, from a point opposite the Barrows estate to the foot of High street. This was a very difficult piece of road building, on account of change of grades, widening of road and building retaining wall, but has been brought to completion and is very satisfactory to the State authorities and to this board. The work above enumerated is in addition to the regular repair and maintenance that has been done, which has been fully as extensive as in past years.

Your board has endeavored to carry out a policy for road construction of a more permanent character and the Superintendent, in conformity with that idea, has built more macadam than formerly. The constantly increasing automobile traffic must make it apparent to all our citizens that different and more permanent methods of road construction must be adopted. While more costly at first, your board believes it is more economical in the end.

While we feel that with what money we have had at our disposal for construction and maintenance much has been accomplished, still we realize that many of our streets are in great need of attention.

Good highways tend to build up and develop any community and your board feels that a large appropriation will be absolutely necessary in the near future to put the principal streets in the proper condition for a growing town such as Reading. However, until a sewer system has been installed, we believe that it would not be good business judgment to recommend such a large appropriation as referred to above, so the money asked for the coming year is to maintain our streets and resurface some which ought not to be allowed to wait longer.

As soon as a sewer system is installed your board would recommend that a comprehensive plan of permanent road construction be drawn up and bonds be issued extending over a period of years for this purpose.

It seems to us imperative that Prescott street be put in better condition the coming year. This street has become an important thoroughfare in the past few years, being a connecting link between the railroad station and that part of the town commonly known as Scotland. This entire section is being rapidly built up and should receive the attention it deserves.

Summer avenue for its entire length is in a deplorable condition and should have immediate attention. This is a much traveled street not alone by our townspeople but is

much used for through travel from Main street state highway to the Lowell road. Your board feels that to put this street in proper condition a macadam should be used but for the present on account of the sewer problem we would recommend that it be repaired where most needed with good quality of gravel.

Prospect street and West street should also receive attention the coming year. We recommend that the work on Haverhill street be continued in the spring and ask for a special appropriation for that purpose. Woburn street, from Lowell to High streets, should be taken care of; also Berkley, Temple and Lincoln streets. Your board would recommend that Washington street, from Ash to Main streets, be macadamed; also High street, from the depot to Washington street.

We have asked for a special appropriation of \$2000 to continue the work on Lowell street provided the State appropriates a like amount. This is an important piece of work and the State Highway Commission seems to be equally interested in seeing it carried to completion. There are other streets not mentioned specially that can be taken care of without very great expense.

The Board of Selectmen will ask the Town to consider the advisability of purchasing an automobile for the use of the Superintendent of Streets. The supervision of the highway work has become so extended that it would seem that this would be a measure of economy.

### SIDEWALKS

The sidewalks in the centre of the Town should be concreted, and those concrete sidewalks already built should be repaired.

Your board would recommend an appropriation of \$1000 for repairs of concrete sidewalks and \$500 for new concrete sidewalks. We would further recommend that an appropriation of \$500 for new concrete sidewalks be made each year, for the next few years, and that the 50 per cent. abutter cost be waived.

## BRIDGES

The highway bridge over the tracks of the Boston & Maine Railroad, on Lowell street, is very narrow, and it is the opinion of your board that steps to widen the bridge and approaches on each side, and straighten the road at this point, should be taken in the interest of safety. We would recommend that authority be given to petition the Middlesex County Commissioners to have this done.

## DUST LAYING

The matter of laying the dust is a most important one, and it is the opinion of this board that an appropriation of \$3000 for oil and \$1000 for water and watering be made.

## SURFACE DRAINAGE

Owing to the development of residential property, the problem of surface drainage has become one of vital importance. Some new catch basins should be installed at once to relieve conditions in localities most effected at the present time.

Your board would also recommend that a comprehensive plan for taking care of surface water be considered in connection with the laying out of the sewer system.

## POLICE DEPARTMENT

William E. Swain was reappointed Chief of Police and Jeremiah Cullinane, Jr., Oscar H. Low and George C. Stock were appointed regular police officers. Your board feels that the service rendered the Town by this department has been efficient. We would recommend that the pay of regular police officers be raised to \$3.00 per day, and the Chief to \$3.25 per day.

## FIRE DEPARTMENT

The Board of Selectmen appointed Orville O. Ordway, Luke McKenney and Frank E. Gray members of the Board of Fire Engineers.

In accordance with the vote of the Town the Special Committee, consisting of the Board of Selectmen and the Board of Fire Engineers, together with Lewis M. Bancroft and Mahlon E. Brande, purchased a triple combination motor fire truck and installed the same in the Central Fire Station.

This committee has also, acting under instructions from the Town, reorganized the department, reducing the number of call men to 28 and adding two permanent men, who are on duty at the Central Fire Station night and day.

### MOTH DEPARTMENT

Tree Warden Henry M. Donegan was reappointed Local Superintendent of Moth Work. He has attended to his duties to the satisfaction of the State Department having supervision over this work, and the Board of Selectmen feel that his department is efficient.

### FINANCIAL

#### TOWN DEBT

There has been an increase of the Town Debt over 1912 of \$25,100, as follows:

#### NET INCREASE

Municipal Light, bonds and notes	.	\$33,200
Auto Chemical Truck	. . . . .	7,500
		<hr/>
		\$40,700

#### NET DECREASE

Water bonds	. . . . .	\$7,000
School loans	. . . . .	6,300
Cemetery land	. . . . .	100
Grouard estate	. . . . .	1,000
Current expense bonds	. . . . .	1,200
		<hr/>
		15,600

Net increase	. . . . .	<hr/>	\$25,100
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## MATURING INDEBTEDNESS, 1914

The Town will be called upon this year to meet maturing indebtedness of \$32,400, of which the Municipal Light Plant will provide \$9,000; the Water Department \$3,000; and \$475 from the income of the Grouard Estate (toward payment of loan of \$1,000 due this year), leaving a balance to be provided for of \$19,925. There will be a surplus of revenue of approximately \$2,200, which may be applied toward the payment, leaving a balance of \$17,725 to be raised by taxation, against \$10,125 in 1913—an increase of \$7,600.

With this and the probable increase of the State and County Taxes and the Departmental Appropriations, we should use the utmost care not to increase the tax rate, for in our opinion there would have to be a material increase in the valuation to meet this increase in appropriation.

We respectfully call attention to the Town Accountant's report for the financial statement of the different departments.

In closing, we acknowledge the valued assistance rendered this board by Town Accountant John H. Sheldon.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Selectmen of Reading.

## REPORT OF THE OVERSEERS OF THE POOR

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We herewith submit our report for the year ended Dec. 31, 1913.

L. Adelbert Deming was reappointed Superintendent of the Town Home, and under his management with the able assistance of Mrs. Deming we feel that the home has been well conducted and the inmates carefully taken care of. There have been six inmates at the home during the past year. On account of the efficient management there has been a saving in the cost of running the home which can be seen by referring to the financial statement.

A new bath room for the Superintendent's family has been built in the main part of the house, and the one formerly used by them in the ell has been made over and given to the inmates. The bath room on the ground floor formerly used by the inmates was condemned by the State Inspector and has now been discontinued.

The heating plant has been overhauled and rearranged and it has resulted in more efficiency and a saving in coal. The house has been painted two coats on the outside, and some of the rooms inside have been painted and papered. Two new carpets have been bought.

The assistance asked for outside poor has been about the same as last year.

Under a new law passed this year and effective in Sept. last, the Overseers of the Poor are required to investigate and assist mothers with dependent children under fourteen years of age if found worthy. This imposes an additional

burden upon the Overseers of the Poor and also calls for an additional and separate appropriation by the Town. On this expenditure the State reimburses us one-third.

We would respectfully call your attention to the financial statement of this department in the Town Accountant's report.

EDWIN L. HUTCHINSON,  
JAMES W. KILLAM,  
OTIS B. RUGGLES,

Overseers of the Poor.

## TREASURER'S REPORT

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TO THE CITIZENS OF THE TOWN OF READING :

In accordance with the votes of the Town at the annual and special town meetings held during the year, I have issued the notes of the Town for \$13,500 for new construction for the Municipal Light and Power Plant, bearing interest at 4 1-4%, and maturing \$1500 annually 1914 to 1923; \$7500 for a new triple-combination auto fire truck, bearing interest at 4 1-2% and maturing \$1500 annually 1914 to 1918; \$2700 for a school deficiency loan, bearing interest at 5% and maturing in 1914.

I have issued registered bonds of the Town to the amount of \$23,500 for new equipment for the Municipal Light and Power Plant, bearing interest at 4 1-4%, and maturing \$1500 annually 1914 to 1922, and \$1000 annually 1923 to 1932.

I have issued notes in anticipation of revenue to the amount of \$115,000, of which \$60,000 has been paid and the balance maturing in 1914. Owing to the unsettled condition of business affairs during the early part of the year money rates were considerably advanced over previous years, especially for short time notes, the result of which is that the money borrowed in anticipation of revenue has cost about 7-8 of 1% more than for the year 1912.

The average daily balance of temporary loans for the year was \$76,342.63, and the average rate of interest 4.53%.

Yours respectfully,

WARD C. MANSFIELD,  
Treasurer.

TREASURER'S REPORT, TOWN OF READING,  
DEC. 31, 1913

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WATER DEPARTMENT

DR.

1913

Jan. 1.	To cash balance from Dec.		
	31, 1912 . . . .	\$100 50	
	To cash deposits by Water		
	Commissioners . . .	28,454 06	
	To interest . . . .	59 72	
		<u>          </u>	
	Total . . . . .		\$28,614 28

CR.

	By payments as per vouchers	\$27,239 05	
Dec. 31.	By balance cash on hand .	<u>1,375 23</u>	
	Total . . . . .		\$28,614 28

WARD C. MANSFIELD,  
Treasurer.

TREASURER'S REPORT, TOWN OF READING,  
DEC. 31, 1913

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MUNICIPAL LIGHT BOARD

DR.

1913

Jan. 1.	To cash balance from Dec.	
	31, 1912 . . . . .	\$1,229 53
	To cash deposits by Municipal Light Board . . . .	103,985 09
	To interest . . . . .	90 73
		<hr/>
	Total . . . . .	\$105,305 35

CR.

	By payments as per voucher	\$86,033 02
Dec. 31.	By balance cash on hand . . . .	19,272 33
		<hr/>
	Total . . . . .	\$105,305 35

WARD C. MANSFIELD,  
Treasurer.



TREASURER'S REPORT, CEMETERY BEQUEST FUND,  
DEC. 31, 1913

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DR.

1913

Jan. 1.	To cash balance Dec. 31, 1912	\$695 03	
	Payment of bonds . . . .	2,000 00	
	Sundry bequests . . . .	1,215 00	
	Interest . . . . .	734 80	
		<hr/>	
	Total . . . . .		\$4,644 83

CR.

	By payment accrued interest		
	on bond . . . . .	\$17 11	
	Payment care of lots . . .	685 00	
	Investments . . . . .	3,000 00	
Dec. 31.	By balance cash on deposit in		
	Mechanics Savings Bank	942 72	
		<hr/>	
	Total . . . . .		\$4,644 83

WARD C. MANSFIELD,  
Treasurer.

TREASURER'S REPORT, PUBLIC LIBRARY BEQUEST,  
DEC. 31, 1913

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DR.

1913

Jan. 1.	To cash balance Dec. 31, 1912	\$266 17	
	To interest . . . . .	<u>5 32</u>	
	Total . . . . .		\$271 49

CR.

Dec. 31.	By balance cash on deposit in Mechanics Savings Bank	\$271 49
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WARD C. MANSFIELD,  
Treasurer.

Dr.

## TREASURER'S REPORT

1913			
Jan. 1.	To cash balance Dec. 31, 1912 .....		\$6,872 22
"	H. M. Viall, Collector, Tax 1910 .....	\$63 86	
"	H. M. Viall, Collector, Tax 1911.....	10,729 61	
"	H. M. Viall, Collector, Tax 1912.....	35,170 61	
"	H. M. Viall, Collector, Tax 1913.....	95,081 17	
"	H. M. Viall, Collector, Excise Tax .....	2,756 77	
"	H. M. Viall, Collector, interest on taxes .....	2,478 89	
"	H. M. Viall, Collector, tax on property taken .....	10 12	
"	H. M. Viall, Collector, certificate of taxes .....	5 00	
"	H. M. Viall, Collector, return postage .....	5 81	
"	H. M. Viall, Collector, taxes paid after abatement...	2 82	
"	Commonwealth of Massachusetts, Moth Department .....	423 33	
"	Commonwealth of Massachusetts, temporary aid....	177 00	
"	Commonwealth of Mass., Corporation Tax, etc.....	392 05	
"	Temporary loans.....	111,612 42	
"	Water bonds payment.....	3,000 00	
"	Proceeds of notes, auto truck .....	7,500 00	
"	Haag Estate, balance due sale of property.....	1,035 00	
"	Sale of property taken for taxes.....	79 95	
"	School Department, tuition No. Reading .....	1,647 50	
"	School Department, proceeds of note deficiency loan.	2,700 00	
"	School Department, sundry items.....	677 12	
"	Grouard Estate, rents.....	500 04	
"	Public Library, Dog Tax, fines, etc.....	757 68	
"	Cemetery Department, labor, etc.....	690 62	
"	Cemetery Account, sale of lots and graves.....	1,650 00	
"	Cemetery Account, interest.....	165 18	
"	Highway Department, sundry items... ..	305 25	
"	Moth Department, private work.....	958 50	
"	Tree Warden Department, sundry items.....	32 00	
"	Fire Department, material sold, telephone tolls, etc.	33 12	
"	Town Home, sale of produce, tools, telephone tolls, etc.	638 65	
"	Poor Department, City of Somerville.....	101 07	
"	Poor Department, City of Cambridge .....	82 28	
"	Poor Department, Town of Canton ... ..	42 00	
"	Poor Department, Town of Norfolk....	136 27	
"	Poor Department, refund aid .....	112 25	
"	Poor Department, City of Boston, over payment....	4 28	
"	Police Department, court fines, etc. ....	161 00	
"	Forest Warden Department, telephone tolls .....	2 24	
"	Interest, National Bank deposits.....	323 72	
"	Sidewalk Construction .....	44 83	
"	Selectmen's Salary, refund.....	37 50	
"	Board of Health, license for slaughtering.....	1 00	
"	Licenses and permits... ..	71 00	
"	Sealer of Weights and Measures .....	34 30	
"	Rent of Playground.....	10 00	
"	Oiling streets.....	57 60	
"	Soldiers' Relief.....	17 87	
"	State Aid ....	12 00	
"	Town Building.....	1 45	
"	Petty cash.....	3,600 00	
	Total receipts.....		286,132 73
	Total cash.....		\$293,004 95

## TOWN OF READING, DEC. 31, 1913

CR.

<sup>1913</sup>	
Dec. 31.	By payments as per vouchers..... \$285,669 15
	By balance cash on hand..... 7,335 80
	<hr/>
Total .....	\$293,004 95

WARD C. MANSFIELD,  
Treasurer.



# Annual Report

OF THE

## TOWN OF READING

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SELECTMEN'S OFFICE,  
Reading, Jan. 1, 1914.

TO THE HONORABLE BOARD OF SELECTMEN:

The undersigned herewith presents the annual statement of the receipts and expenditures of the Town of Reading for the financial year ending December 31, 1913, together with such other information relating to the fiscal interests of the Town as may be of general interest. The last part of this report is devoted to an exhibit of the receipts and payments of the Town, arranged and classified as prescribed by the Bureau of Statistics, Schedule A, for the fiscal year ending December 31, 1913.

Respectfully submitted,

JOHN H. SHELDON,

Town Accountant.



# REPORT OF TOWN ACCOUNTANT FOR THE FINAN- CIAL YEAR ENDING DEC. 31, 1913

## RECEIPTS FROM ALL SOURCES DURING THE YEAR

### MUNICIPAL INDUSTRIES

Municipal Light Department . . .	\$104,075 82
Water Department . . . . .	28,513 78
General Accounts . . . . .	302,133 82
Cash on hand beginning of year :	
Municipal Light Department . . .	1,229 53
Water Department . . . . .	100 50
General Cash . . . . .	6,872 22

### PAYMENTS FOR THE YEAR

Municipal Light Department . . .	\$86,033 02
Water Department . . . . .	27,239 05
General Accounts . . . . .	301,670 24
Cash on hand Dec. 31, 1913 :	
Municipal Light Department . . .	19,272 33
Water Department . . . . .	1,375 23
General cash . . . . .	7,335 80
	<hr/>
	\$442,925 67    \$442,925 67

### TOWN DEBT

The total indebtedness of the Town	
Jan. 1, 1913 . . . . .	\$341,700 00

This has been increased during the year by the issue of bonds and notes as follows :

#### Municipal Light

New Construction Loan . . .	\$13,500 00	
Wilmington Extension . . .	3,000 00	
New Equipment . . .	23,500 00	
Water Department Bonds . . .	1,000 00	
General Loans Auto Chemical Truck	7,500 00	
School Deficiency Loan . . .	2,700 00	
	<hr/>	51,200 00
		<hr/>
		\$392,900 00

There has been a decrease by the payment of the following bonds and notes as follows :

Water Bonds . . . . .	\$8,000 00	
Municipal Light . . . . .	6,800 00	
Highland School Building . . .	3,000 00	
High School Building . . . . .	5,000 00	
Lowell Street School Building . .	1,000 00	
Grouard Estate . . . . .	1,000 00	
Current Expense Bonds . . . . .	1,200 00	
Cemetery Land . . . . .	100 00	
	<hr/>	26,100 00
		<hr/>
Total indebtedness, Dec.31,1913		\$366,800 00

#### SUMMARY OF TOWN DEBT

1912	1913	INCREASE
\$341,700 00	\$366,800 00	\$25,100 00

The following is a statement of the total debt of the Town, with rate of interest thereon :

### MUNICIPAL LIGHT LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 and 4 1-2%	1914	\$9,000 00	
4 and 4 1-2%	1915	9,000 00	
4 and 4 1-2%	1916	9,000 00	
4 and 4 1-2%	1917	9,000 00	
4 and 4 1-2%	1918	9,000 00	
4 and 4 1-2%	1919	9,000 00	
4 and 4 1-2%	1920	9,000 00	
4 and 4 1-2%	1921	8,000 00	
4 and 4 1-2%	1922	7,000 00	
4 and 4 1-2%	1923	5,000 00	
4 and 4 1-2%	1924	5,000 00	
4 1-2%	1925	3,000 00	
4 1-2%	1926	2,000 00	
4 1-2%	1927	2,000 00	
4 1-2%	1928	2,000 00	
4 1-2%	1929	2,000 00	
4 1-2%	1930	2,000 00	
4 1-2%	1931	2,000 00	
4 1-2%	1932	2,000 00	
4 1-2%	1933	1,000 00	\$106,000 00

### HIGHLAND SCHOOL HOUSE

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1914	\$3,000 00	
4%	1915	3,000 00	\$6,000 00

## HIGH SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
3 1-2 and 4%	1914	\$5,000 00	
3 1-2 and 4%	1915	5,000 00	
3 1-2 and 4%	1916	5,000 00	
3 1-2 and 4%	1917	4,000 00	
3 1-2%	1918	4,000 00	
3 1-2%	1919	4,000 00	
3 1-2%	1920	4,000 00	
3 1-2%	1921	4,000 00	
3 1-2%	1922	4,000 00	
3 1-2%	1923	4,000 00	
3 1-2%	1924	4,000 00	
3 1-2%	1925	4,000 00	\$51,000 00

## LOWELL STREET SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1914	\$1,000 00	
4%	1915	1,000 00	
4%	1916	1,000 00	\$3,000 00

## SCHOOL DEFICIENCY LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
5%	1914	\$2,700 00	\$2,700 00

## WATER LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1914	\$8,000 00	
4%	1915	8,000 00	
4%	1916	13,000 00	
4%	1917	13,000 00	
4%	1918	13,000 00	
4%	1919	13,000 00	
4%	1920	13,000 00	
4%	1921	13,000 00	
4%	1922	13,000 00	
4%	1923	11,000 00	
4%	1924	11,000 00	
4%	1925	11,000 00	
4%	1926	6,000 00	
4%	1927	6,000 00	
4%	1928	6,000 00	
4%	1929	6,000 00	
4%	1930	6,000 00	
4%	1931	1,000 00	
4%	1932	1,000 00	
4%	1933	1,000 00	\$173,000 00

## GROUARD ESTATE LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1914	\$1,000 00	
4%	1915	1,000 00	
4%	1916	1,000 00	
4%	1917	1,000 00	
4%	1918	1,000 00	
4%	1919	1,000 00	
4%	1920	1,000 00	
4%	1921	1,000 00	\$8,000 00

### AUTO CHEMICAL TRUCK

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 1-2%	1914	\$1,500 00	
4 1-2%	1915	1,500 00	
4 1-2%	1916	1,500 00	
4 1-2%	1917	1,500 00	
4 1-2%	1918	1,500 00	\$7,500 00

### CEMETERY AND LIBRARY BEQUESTS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1914	\$1,200 00	
4%	1915	1,200 00	
4%	1916	1,200 00	
4%	1917	1,200 00	
4%	1918	1,200 00	
4%	1919	1,200 00	
4%	1920	1,200 00	
4%	1921	1,200 00	\$9,600 00
Total Indebtedness December 31, 1913			\$366,800 00



## TEMPORARY LOANS

Balance from 1912 . . . . .	\$55,000 00
-----------------------------	-------------

## BORROWED IN 1913

Bond & Goodwin, 4.95%, due Oct. 8, 1913 . . . . .	\$30,000 00	
Bond & Goodwin, 4.98%, due Nov. 5, 1913 . . . . .	30,000 00	
T. S. Mosley & Co., 4.55%, due April 15, 1914 . . . . .	30,000 00	
C. D. Parker & Co., 3.84%, due April 10, 1914 . . . . .	20,000 00	
Bond & Goodwin, 4.20%, due May 15, 1914 . . . . .	5,000 00	
	<hr/>	115,000 00
		<hr/>
		\$170,000 00

## PAID IN 1913

Loring, Tolman & Tupper, 3.84%, due April 10, 1913 . . . . .	\$15,000 00	
Bond & Goodwin, 3.84%, due April 10, 1913 . . . . .	15,000 00	
Geo. A. Fernald & Co., 3.84%, due April 10, 1913 . . . . .	15,000 00	
The Commonwealth of Massachu- setts, 4 1-2%, due July 22, 1913	10,000 00	
Bond & Goodwin, 4.95%, due Oct. 8, 1913 . . . . .	30,000 00	
Bond & Goodwin, 4.98%, due Nov. 5, 1913 . . . . .	30,000 00	
	<hr/>	\$115,000 00
		<hr/>
Total outstanding temporary loans		\$55,000 00

## TEMPORARY LOANS OUTSTANDING

T. S. Mosley & Co., 4.55%, due April 15, 1914 .	\$30,000 00
C. D. Parker & Co., 3.84%, due April 10, 1914 .	20,000 00
Bond & Goodwin, 4.20%, due May 15, 1914 .	5,000 00
	<hr/>
	\$55,000 00

## TOWN DEBT DECEMBER 31, 1913

## DUE IN 1914

## NOTES AND BONDS

Mar. 27	\$1,000	3 1-2%	Municipal Light	}	\$106,000 00
Apr. 16	1,500	4 1-4%	Municipal Light		
July 15	2,000	4 %	Municipal Light		
Oct. 1	3,000	4 1-2%	Municipal Light		
Oct. 15	1,500	4 1-4%	Municipal Light		
June 1	8,000	4 %	Water Department		173,000 00
Aug. 1	3,000	4 %	Highland School Bldg.		6,000 00
Nov. 1	4,000	3 1-2%	High School Bldg.	}	51,000 00
Dec. 21	1,000	3 1-2%	High School Bldg.		
Sep. 27	1,000	4 %	Lowell St. School Bldg.		3,000 00
Dec. 12	2,700	5 %	School Deficiency Loan		2,700 00
Apr. 15	1,200	4 %	Current Expense Bonds		9,600 00
July 21	1,000	4 %	Grouard Estate		8,000 00
Oct. 15	1,500	4 1-4%	Auto Chemical Truck		7,500 00
	<hr/>				
	\$32,400		Total Debt		\$366,800 00

## FINANCES

The assessed valuation of the Town

April 1, 1913, was:

Real estate . . . . .	\$5,720,380 00
Personal estate . . . . .	1,251,403 00

Total valuation . . . . .	\$6,971,783 00
---------------------------	----------------

Assessed at \$18.70 per \$1000 gives . \$130,375 14

1954 polls at \$2.00 . . . . . 3,906 00

\$134,281 14

This tax is divided as follows:

For Town purposes . . . . \$119,614 94

Less Corporation Tax, estimated 5,700 00

\$113,914 94

County Tax . . . . . 6,013 46

State Tax . . . . . 11,920 00

Highway Tax . . . . . 187 00

Wellington Bridge . . . . . 50 50

Overlay . . . . . 2,195 24

\$134,281 14

December supplementary additional property:

Personal . . . \$216,605 00

Real . . . . 1,675 00

\$218,280 00

Assessed at \$18.70 . . . . 4,076 37

Seven additional polls . . . . 14 00

This amount credited to 1913 Over-

lay . . . . . \$4,090 37

The valuations of estates in this town for the year mentioned in the preceding table are the figures originally made by the Board of Assessors on April 1 of each respective year.

The valuations are subject to changes in each year by additional taxable property being found.

Net valuation of estates in the Town of Reading for the past three years, including all supplementary warrants and deducting all abatements:

YEAR	TOTAL VALUATION	ABATEMENTS	NET VALUATION
1911	\$6,343,567 00	\$141,275 00	\$6,202,292 00
1912	6,546,867 00	46,100 00	6,500,767 00
1913	7,190,063 00	21,190 00	7,168,873 00
	<hr/> \$20,080,497 00	<hr/> \$208,565 00	<hr/> \$19,871,932 00

### BORROWING CAPACITY

The average net valuation of the Town of Reading for 1911, 1912, 1913, is . . . \$6,623,977 00

The indebtedness of towns is limited by Chapter 719 of the Acts of 1913, Section 12, to 3% of the average valuation for the preceding three years, the valuation being first reduced by the amount of all abatements thereon previous to the 31st day of December of each year.

Three per cent. is . . .	\$198,719 00
Total Town Debt is . . .	\$366,800 00

Of this amount the following loans are not included in the debt limit, being exempt by Acts of the Legislature:

Water loans .	\$173,000 00	
Electric Light loans	106,000 00	
	<hr/>	\$279,000 00

Net Municipal Debt December 31, 1913 . . .	<hr/> 87,880 00
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Borrowing capacity January 1, 1914 . . .	\$110,839 00
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## TRUST FUNDS

Bequest of Nancy Wakefield . . . . .	\$100 00
“ Thomas Sweetser . . . . .	100 00
“ Sabrina Nichols . . . . .	100 00
“ Martha Pike . . . . .	25 00
“ Sarah Batchelder . . . . .	25 00
“ T. T. Greenwood . . . . .	500 00
“ Mark Temple . . . . .	100 00
“ Susan Wright, Elizabeth Preston and Margaret Gilman . . . . .	75 00
“ Elizabeth B. Eames and Ida L. Nelson	100 00
“ Sevena Coggin . . . . .	100 00
“ Margaret Towne . . . . .	100 00
“ Lucretia A. Hopkins and Elias Board- man . . . . .	150 00
“ Sarah Smith . . . . .	100 00
“ Gilman D. Kingman . . . . .	100 00
“ Rosamond C. Pratt . . . . .	100 00
“ Mary F. Harnden . . . . .	100 00
“ Mary B. Wakefield . . . . .	100 00
“ James A. Bancroft, Ex. P. Jane Batch- elder . . . . .	100 00
“ Arthur D. Kingman, Ex. Gardner French . . . . .	50 00
“ Estate of P. A. Corkins . . . . .	100 00
“ Dorinda R. Pratt, Ex. T. B. Pratt .	200 00
“ Mary Ann McAllister . . . . .	100 00
“ Gilman A. Coggin . . . . .	100 00
“ Mary Ann McAllister for Jos. Bryant	50 00
“ Mary Evans . . . . .	50 00
“ Frederick Bancroft, Ex. Harriet B. Bancroft . . . . .	60 46
“ Estate of Samuel Pierce . . . . .	100 00
“ D. W. Berry, Ex. Caroline Hammond	100 00
“ William L. Crowe . . . . .	100 00
“ Heirs of George C. Coney . . . . .	100 00

Bequest of Heirs of Sherman Chase . . .	\$75 00
“ Estate of Isaac M. Clark . . .	100 00
“ Estate of Anna G. Butler . . .	150 00
“ Mary E. Badger . . .	100 00
“ Estate of Heil J. Nelson . . .	200 00
“ Estate of John Burrill . . .	100 00
“ Estate of F. O. Dewey . . .	300 00
“ Estate of S. H. Dinsmore . . .	100 00
“ Mary J. Kimball . . .	50 00
“ Alden and Lois D. Batchelder . . .	100 00
“ Estate of Charles A. Weston . . .	100 00
“ Henry F. Parker . . .	100 00
“ Sarah D. Eaton . . .	100 00
“ Heirs of James H. Bancroft . . .	75 00
“ Mary W. Pratt . . .	50 00
“ Olimena Wakefield . . .	100 00
“ Estate of Louisa M. Eaton . . .	\$100 00
“ Maria E. Waitt . . .	100 49
“ Adrien Mertens . . .	200 00
“ Albert P. Gleason . . .	50 00
“ Frances P. Dow . . .	100 00
“ Estate of Thomas Richardson . . .	100 00
“ Helen M. Sherman . . .	50 00
“ Fannie Cottrell . . .	50 00
“ Charles E. Hall . . .	100 00
“ Lucy W. Parker . . .	75 00
“ Estate of Martha R. Temple . . .	100 00
“ Estate of Needham Nichols . . .	100 00
“ Mary W. Pratt . . .	50 00
“ Mrs. James T. Norris . . .	30 00
“ Estate of Francis Kingman . . .	100 00
“ Estate of Albert Nichols . . .	100 00
“ George L. Smith . . .	200 00
“ Susan A. Martin . . .	100 00
“ Maria Carter . . .	100 00
“ Hubbard and Elbridge Copeland and Leander Wiley . . .	150 00



Bequest of John Draffin . . . . .	\$100 00
" Hattie D. Pond, Ex. . . . .	100 00
" Trustees of Laura Frost . . . . .	50 00
" Abby C. Clapp . . . . .	100 00
" Emily Alice Jones . . . . .	100 00
" Emma M. Brown . . . . .	75 00
" F. Eliza Kingman . . . . .	100 00
" Edward T. Pendergrace . . . . .	100 00
" Fannie A. Morton . . . . .	100 00
" Lewis M. Bancroft . . . . .	50 00
" Caroline L. White . . . . .	50 00
" Hannah C. Cochrane . . . . .	50 00
" Charles W. Cochrane . . . . .	200 00
" Edgar M. Knight . . . . .	100 00
" Reuben Weston . . . . .	100 00
" J. B. Hopkins . . . . .	100 00
" I. P. M. Wiggin . . . . .	\$100 00
" Joseph H. Gleason . . . . .	50 00
" Mary Norwood . . . . .	50 00
" Lyman Whiting . . . . .	50 00
" Ellen M. Carr . . . . .	100 00
" Emma S. Nelson . . . . .	100 00
" Henry E. Holden, Adm. . . . .	50 00
" C. E. Skillings . . . . .	100 00
" Isaac Monroe . . . . .	100 00
" William H. Wightman . . . . .	100 00
" Lizzie B. Davis . . . . .	100 00
" Hubbard E. Cox . . . . .	80 00
" Helen C. Prentiss . . . . .	100 00
" Louise Leathe . . . . .	100 00
" Arthur M. Coons . . . . .	75 00
" Thomas and F. E. Appleton . . . . .	150 00
" Mary A. Gilman . . . . .	100 00
" A. Newell Howes . . . . .	100 00
" Mrs. Frances Todd . . . . .	100 00
" James F. Wright . . . . .	100 00
" Ella M. Damon . . . . .	100 00

Bequest of	M. Elizabeth Broad . . . .	\$100 00
"	Walter H. Norris . . . .	75 00
"	Mary J. Harris . . . .	50 00
"	Estate of Milton D. Parker . . . .	100 00
"	Mary G. McIntire . . . .	50 00
"	Margaret O. Pinkham . . . .	150 00
"	Irma E. Mayo . . . .	100 00
"	Mrs. A. B. Matthews . . . .	100 00
"	Eunice E. Damon . . . .	100 00
"	Estate of Ellen M. Damon . . . .	75 00
"	Abby C. Spokesfield . . . .	100 00
"	Estate of Susan Bancroft . . . .	100 00
"	Heirs of Clinton B. and Wm. J. Holden (per Treasurer's Report, 1905) . . . .	100 00
"	Florence W. Temple (per Treasurer's Report, 1906) . . . .	75 00
"	Mrs. Charles O. Tweed . . . .	\$50 00
"	Nathan Bancroft . . . .	100 00
"	Caroline E. Wright . . . .	100 00
"	Selinda H. Pratt . . . .	85 00
"	Estate of Eliza A. Barrows . . . .	100 00
"	Rachel A. Coggin . . . .	50 00
"	Mrs. E. A. Lovejoy . . . .	100 00
"	Estate of H. H. Howard . . . .	100 00
"	Estate of Mrs. H. E. Shackford . . . .	100 00
"	Mary S. Goodwin . . . .	60 00
"	Estate of Susan Cummings . . . .	50 00
"	Maria P. Howard . . . .	100 00
"	O. P. Symonds & Son . . . .	125 00
"	Estate of Henry Damon . . . .	100 00
"	Estate of Daniel Pratt . . . .	100 00
"	Elizabeth A. Abbott . . . .	150 00
"	Estate of Wm. I. Ruggles . . . .	100 00
"	Geo. H. Prescott . . . .	100 00
"	Estate of Wm. Carter . . . .	100 00
"	Estate of D. N. Tuttle . . . .	100 00
"	Ida R. Bickford . . . .	50 00

Buquest of	Estate of Priscilla Leathe . . . . .	\$100 00
"	Estate of Cassadana B. H. Temple . . . . .	50 00
"	Estate of Mary L. Temple . . . . .	50 00
"	Ellen R. Parker . . . . .	50 00
"	Ellen R. Parker . . . . .	50 00
"	Augusta K. Barrows . . . . .	100 00
"	Estate of Clara C. Parker . . . . .	150 00

## PAID IN 1913

Bequest of	E. Bently Young . . . . .	\$100 00
"	Wm. A. Dennison . . . . .	100 00
"	Estate of Martha M. Nelson . . . . .	100 00
"	Estate of Joseph H. Gleason . . . . .	50 00
"	Estate of Geo. A. Carter . . . . .	100 00
"	Stillman E. Parker . . . . .	50 00
"	Helen Ruggles Smith, Helen Ruggles Beebe and Guy Hall Ruggles . . . . .	100 00
"	Mrs. Emma L. Reynolds . . . . .	50 00
"	Mrs. Emma L. Reynolds . . . . .	50 00
"	Estate of Samuel T. Sweetser . . . . .	75 00
"	Geo. Crother . . . . .	40 00
"	Caroline A. Badger . . . . .	100 00
"	Estate of Ellen G. Ruggles . . . . .	100 00
"	Estate of Thomas F. Richardson . . . . .	100 00
"	Estate of John N. Sanborn . . . . .	100 00

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\$15,280 95

Interest accrued on the above unexpended . . . . . 938 44

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\$16,219 39

## CEMETERY BEQUEST FUND

The Treasurer Cemetery Trustees and Selectmen, acting as Trustees of the Cemetery Fund, held on Dec. 31, 1913, cash and securities amounting to . . .			\$16,219 39
Balance from 1912 . . . . .	\$14,953 25		
Received from bequests \$1,215 00			
Interest . . . . .	736 14		
	<hr/>		
	\$1,951 14		
Less interest paid for perpetual care . . . . .	685 00		
	<hr/>	1,266 14	
		<hr/>	16,219 39

This fund is invested as follows:

Town of Reading bonds, Electric Light, Wilmington extension, 4%, interest payable January and July . . . . .			\$15,000 00
Interest due Dec. 31, 1913, not paid	276 67		
Cash in Mechanics Savings Bank . . . . .	942 72		
	<hr/>		16,219 39

## LIBRARY BEQUEST FUND

The Treasurer and Trustees of the Public Library held on Dec. 31, 1913, cash amounting to . . .			\$271 49
This amount is invested as follows:			
Cash held by the Treasurer . . . . .			271 49

## CASH HELD BY TREASURER OF FUNDS

Cemetery Bequest Fund . . . . .	\$942 72		
Library Bequest Fund . . . . .	271 49		
	<hr/>		1,214 21

## TAXES

The taxes committed, abated and collected during the fiscal year, together with the balance unpaid Dec. 31, 1912, and Dec. 31, 1913, are as follows:

TAXES, 1909			
Balance from 1912	.	\$147 00	
Balance uncollected (in litigation)	. . .		\$147 00
TAXES, 1910			
Balance from 1912	.	\$190 24	
Refunded	. . .	2 00	
		<hr/>	
		\$192 24	
Collected	. . .	\$63 86	
Abated	. . .	39 73	
		<hr/>	
		\$103 59	
Balance uncollected (in litigation)	. . .		88 65
TAXES, 1911			
Balance from 1912	.	\$13,189 56	
Refunded	. . .	12 32	
		<hr/>	
		\$13,201 88	
Collected	. . .	\$10,565 61	
Abated	. . .	726 76	
		<hr/>	
		11,292 37	
		<hr/>	
			1,909 51
TAXES, 1912			
Balance from 1912	.	\$46,095 09	
Refunded	. . .	17 47	
		<hr/>	
		\$46,112 26	
Collected	. . .	\$34,848 79	
Abated	. . .	277 96	
		<hr/>	
		35,126 75	
		<hr/>	
			10,985 51

## TAXES, 1913

Amount assessed . . .	\$134,281 14	
Supplementary warrant . . .	4,090 37	
	<u>          </u>	
	\$138,371 51	
Collected . . . \$94,352 67		
Abated . . . 392 55	<u>          </u>	
	94,745 22	
	<u>          </u>	
		43,626 29
Total amount outstanding Dec. 31, 1913 . .		\$56,756 96

## ASSESSMENTS

The assessments Dec. 31, 1912, assessments levied, amount paid during the year, and the balance unpaid Dec. 31, 1913, are as follows:

## COLLECTOR MOTH ASSESSMENTS, 1911

Balance from 1912 . . .	\$169 95	
Collected in 1913 . . . \$164 00		
Abated . . . 1 00	<u>          </u>	
	165 00	
	<u>          </u>	
Uncollected . . .		\$4 95

## COLLECTOR MOTH ASSESSMENTS, 1912

Balance from 1912 . . .	\$498 99	
Collected in 1913 . . . \$321 82		
Abated . . . 5 50	<u>          </u>	
	327 32	
	<u>          </u>	
Uncollected . . .		\$171 67

## COLLECTOR MOTH ASSESSMENTS, 1913

Amount levied . . .	\$1,170 50	
Collected in 1913 . . . \$728 50		
Abated . . . 2 50	<u>          </u>	
	731 00	
	<u>          </u>	
Uncollected . . .		439 50
		<u>          </u>
Total uncollected Moth Assessments . . .		\$616 12



## ASSETS

## Trust Funds:

Cemetery Bequest	
Wilmington Extension	
Bonds, Town of Reading . . . . .	\$15,000 00
Interest due Dec. 31, 1913 . . . . .	276 67
Cash held by Treasurer . . . . .	942 72
Library Fund . . . . .	
Cash held by Treasurer . . . . .	271 49
	<hr/>
	\$16,490 88

## CAPITAL ASSETS

Public Property . . . . .	\$866,451 44
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## ASSETS AND LIABILITIES FROM

## ASSETS

Cash held by Treasurer . . . . .	\$7,335 80
Collector Taxes, 1909 . . . . .	147 00
Collector Taxes, 1910 . . . . .	88 65
Collector, 1911 . . . . .	1,909 51
Collector, 1912 . . . . .	10,985 51
Collector, 1913 . . . . .	43,626 29
Collector Moth Assessment, 1911 . . . . .	4 95
Collector Moth Assessment, 1912 . . . . .	171 67
Moth Assessment, 1913 . . . . .	439 50
Sundry parties, spraying . . . . .	767 25
Water Department, insurance . . . . .	106 60
Moth Department, Commonwealth of Mass. . . . .	2,166 36
Tree Warden . . . . .	29 45
Commonwealth of Mass., Poor Department . . . . .	606 87
Town of Norfolk, Poor Department . . . . .	128 25
Town of Methuen, Poor Department . . . . .	104 97
City of Somerville, Poor Department . . . . .	114 51
Chapter 763, Acts 1913, Poor Department . . . . .	305 65
Chapter 763, Acts 1913, Commonwealth of Mass. . . . .	192 00
Burial of Soldiers, Commonwealth of Mass. . . . .	31 00
State Aid, Commonwealth of Mass. . . . .	1,694 00
Lowell Street, Macadam . . . . .	2,052 54
Lowell Street, Special . . . . .	229 47
	<hr/>
	\$73,237 80

## LIABILITIES

## Trust Funds:

Cemetery Bequest . . . . .	\$16,219 39
Library Bequest . . . . .	271 49
	<hr/>
	\$16,490 88

## CAPITAL ASSETS

Town Debt . . . . .	\$366,800 00
Balance, Town of Reading . . . . .	499,651 44
	<hr/>
	\$866,451 44

## APPROPRIATIONS, DECEMBER 31, 1913

## LIABILITIES

Overlays, 1910 . . . . .	\$379 13
Overlays, 1911 . . . . .	221 74
Overlays, 1912 . . . . .	1,428 78
Overlays, 1913 . . . . .	5,893 06
Cemetery Special, sale of Lots and Graves .	4,390 89
Suspense (assessments unpaid) . . . . .	1,383 37
Grouard Estate Income . . . . .	108 78
Taxes on Property Taken . . . . .	102 86
Survey Block System . . . . .	117 76
Miscellaneous Expenses, Sewer Committee .	501 90
Repairs Central Fire Station . . . . .	17 63
Fire Loss, Library . . . . .	1,202 68
Laurel Hill Cemetery . . . . .	210 26
Temporary Loans . . . . .	55,000 00
Contingent (excess revenue) . . . . .	2,278 96

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\$73,237 80

## APPROPRIATIONS AND EXPENDITURES

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Detailed account of the appropriations made by the Town  
during the year, together with the transfers, the ex-  
penditures and the unexpended balances Dec. 31, 1913:

### GENERAL GOVERNMENT

#### LEGISLATIVE

##### MODERATOR :

Appropriation . . . . .	\$25 00
Transferred from Contingent . .	20 00
	\$45 00

#### EXPENDED

Geo. L. Flint, Moderator . . . .	\$45 00
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#### EXECUTIVE

##### SELECTMEN, SALARIES :

Appropriation . . . . .	\$500 00
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#### EXPENDED

To Alvah W. Clark . . . . .	\$33 34	
Frederic D. Merrill . . . . .	25 00	
Edwin L. Hutchinson . . . . .	191 66	
James W. Killam . . . . .	125 00	
Otis B. Ruggles . . . . .	125 00	
	\$500 00	

#### OTHER EXPENSES

Appropriation . . . . .	\$200 00
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## EXPENDED

Office supplies . . . . .	\$31 60
Express . . . . .	6 55
Rent of Post Office box . . . . .	1 50
Directory . . . . .	3 50
Printing . . . . .	30 25
Telephone and tolls . . . . .	5 63
Incidentals . . . . .	1 61

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 \$80 64

Transferred to Contingent . . .	119 36
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\$200 00

## UNPAID BILLS

W. E. & J. F. Twombly . . .	\$23 90
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## FINANCIAL

## TOWN ACCOUNTANT:

Appropriation . . . . .	\$750 00
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## EXPENDED

To John H. Sheldon, 2 months . . .	\$83 34
John H. Sheldon, 10 months . . .	625 00

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 \$708 34

Transferred to Contingent . . .	41 66
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\$750 00

## TREASURER:

Salary appropriation . . . . .	\$600 00
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## EXPENDED

Ward C. Mansfield, Treas., 2 months .	\$66 66
Ward C. Mansfield, Treas., 10 months .	500 00
Transferred to Contingent . . . . .	33 34

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\$600 00

## OTHER EXPENSES

Appropriation . . . . .	\$225 00
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## EXPENDED

To repairing stamp . . . . .	\$ 50	
Treasurer's bond . . . . .	60 00	
Office supplies . . . . .	6 70	
Certification of notes . . . . .	57 00	
Express . . . . .	35	
Vouchers . . . . .	19 00	
Government envelopes . . . . .	22 00	
	<hr/>	
	\$165 55	
Transferred to Contingent . . . . .	59 45	
	<hr/>	\$225 00

## ASSESSORS' SALARIES :

Appropriation . . . . .	\$1,150 00
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## EXPENDED

Millard F. Charles . . . . .	\$369 40	
Alvah W. Clark . . . . .	369 40	
George E. Horrocks . . . . .	369 40	
	<hr/>	
	\$1,108 20	
Transferred to Contingent . . . . .	41 80	
	<hr/>	\$1,150 00

## ASSESSORS' EXPENSES :

Appropriation . . . . .	\$600 00
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## EXPENDED

Street Lists, 1912 . . . . .	\$150 00
Street Lists, 1913 . . . . .	171 60
Field Books . . . . .	8 00
Printing . . . . .	9 50
Express . . . . .	30
Tax return blanks . . . . .	3 50
Horse hire . . . . .	5 00
Abstracting mortgages . . . . .	31 05
Abstracting deeds . . . . .	59 60
Assessors' scale . . . . .	4 00

Supplies . . . . .	\$13 69	
Writing Valuation Book . . . .	75 00	
Car fares . . . . .	5 75	
	<u>\$536 99</u>	
Transferred to Contingent . . .	63 01	\$600 00
	<u>          </u>	

## UNPAID BILLS

C. W. Smith, abstracts . . . .	\$31 50
E. Wentworth Prescott, information stockholders foreign corporations . . . .	20 00

## TAX COLLECTOR'S SALARY:

Appropriation . . . . .	975 00
Transferred from Contingent . .	18 32
	<u>\$993 32</u>

## EXPENDED

Herbert M. Viall . . . . .	\$993 32
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## OTHER EXPENSES

Appropriation . . . . .	130 00
Receipts from postage . . . . .	5 81
	<u>\$135 81</u>

## EXPENDED

Stationery . . . . .	\$43 15	
Government envelopes . . . . .	84 96	
Ink well . . . . .	1 58	
	<u>\$129 69</u>	
Transferred to Contingent . . .	6 12	\$135 81
	<u>          </u>	

## UNPAID BILLS

W. E. & J. F. Twombly . . . .	\$31 00
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## TOWN CLERK

Appropriation . . . . .	\$150 00
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## EXPENDED

Millard F. Charles, salary . . . . .	\$150 00
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## OTHER EXPENSES

Appropriation . . . . .	\$225 00
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## EXPENDED

Reporting births . . . . .	\$31 25
Recording births, marriages and deaths	103 90
Reporting deaths . . . . .	35 75
Dog blanks and posters . . . . .	4 00
Printing . . . . .	17 30
Recording oaths . . . . .	14 25
Postage and supplies . . . . .	15 59

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\$222 04

Transferred to Contingent . . . . .	2 96
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\$225 00

## UNPAID BILLS

Doherty Bros., death returns . . . . .	\$2 25
Elwin H. Wells, M. D., reporting births	25
Geo. F. Dow, M. D., reporting births . . . . .	8 00

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\$10 50

## ELECTION AND REGISTRATION

Appropriation, salaries Registrars . . . . .	\$145 00
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## EXPENDED

Arthur C. Copeland, 1912 . . . . .	\$15 00
Arthur C. Copeland, 1913 . . . . .	30 00
Millard F. Charles, Registrar and Clerk	40 00
Walter S. Prentiss . . . . .	30 00
Owen McKenney . . . . .	30 00

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\$145 00

## ELECTION EXPENSES

Appropriation . . . . .	\$600 00
Transferred from Contingent .	58 81
	<hr/>
	\$658 81

## EXPENDED

Typewriting warrant . . . . .	\$5 00	
Election officers . . . . .	260 00	
Posting warrants . . . . .	10 00	
Attendance Registration . . . . .	6 00	
Printing . . . . .	156 00	
Rent of hall . . . . .	142 00	
A. M. Allen, services at polls . .	16 00	
Express . . . . .	30	
Recount Representative and Senator .	23 00	
Lunches . . . . .	3 03	
Millard F. Charles, services at election	20 00	
Storage of booths . . . . .	5 00	
Putting up and taking down booths .	12 00	
Supplies . . . . .	48	
	<hr/>	\$658 81

## OTHER GENERAL ACCOUNTS

## MISCELLANEOUS EXPENSES

Appropriation . . . . .	\$1,200 00
Appropriation Sewer Committee .	750 00
Transfer from sale of Haag property .	874 00
	<hr/>
	\$2,824 00

## EXPENDED

## Sewer Committee:

McClintock &amp; Woodfall,

services . . . . . \$200 00

Printing reports . . . . . 48 10 \$248 10

Lighting Old South Clock . . . . . 86 14

Lighting G. A. R. Hall . . . . . 50 00

## Legal Services:

Jesse W. Morton, services 166 97

Jas. W. Grimes, services		
LaChance vs. Town .	\$15 00	
LaChance vs. Town judgment . . . . .	42 55	
Mrs. Galvin, damages .	20 00	\$244 52
Typewriting Building Laws . . .		6 00
C. W. Smith, affidavit Haag property . . . . .		3 00
Flowers, Officer Cullinane . . . .		7 50
Burglary Insurance, Collector's safe .		7 12
Typewriting Playground Laws . . .		10 00
Telephone, Moth Department . . .		23 77
Town Report . . . . .		610 65
F. L. Springford, Sec'y Finance Com.		25 00
Printing Financial Reports . . . .		35 50
Flag Pole, Common . . . . .		182 89
George H. Allen, veterinary services		
cows, Adelbert E. Batchelder .		5 00
Express . . . . .		1 45
Incidentals . . . . .		2 35
Scales, Sealer Weights and Measures .		19 80
Battleship Maine Tablet . . . . .		4 80
Recording deeds . . . . .		60
Edward L. Hutchinson, telephone tolls		
and expenses . . . . .		1 73
Services State Aid . . . . .		5 00
Liability Insurance, Moth Department		168 50
Sign Boards . . . . .		21 88
Jury list . . . . .		2 50
Printing . . . . .		25 85
Henry M. Donegan, vacation . . .		36 00
		<hr/>
		\$1,835 65
Transferred to Contingent . . .		486 45
		<hr/>
		2,322 10
Unexpended balance available for		
Sewer Committee . . . . .		501 90
		<hr/>
		\$2,824 00

## TOWN BUILDING

Appropriation . . . . .	\$600 00
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## RECEIVED

Express refund . . . . .	45
Town Home . . . . .	1 00
	<hr/>
	1 45

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\$601 45

## EXPENDED

Fuel . . . . .	279 78
Lighting . . . . .	217 41
Miscellaneous supplies . . . . .	6 91
Express . . . . .	60
Water . . . . .	4 86
Telephone . . . . .	13 23
Care of rooms . . . . .	8 58
Chair . . . . .	1 00
Repairing table . . . . .	5 00
Putting up awnings . . . . .	2 00
Cleaning walls . . . . .	16 95
General repairs . . . . .	30 31
Janitor's services . . . . .	14 58

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\$601 21

Transferred to Contingent . . . . .	24
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\$601 45

## INSURANCE

Appropriation . . . . .	\$1,200 00
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## EXPENDED

Sundry policies . . . . .	\$919 06
Transferred to Contingent . . . . .	280 94

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\$1,200 00

## BLOCK SYSTEM SURVEY

Appropriation . . . . .	\$500 00
Balance from 1912 . . . . .	310 96

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\$810 96

## EXPENDED

O. E. Carter, surveys and plans . . .	\$652 40	
Indexing plans . . . . .	37 50	
Supplies . . . . .	3 30	
	<hr/>	
	693 20	
Balance to 1914 . . . . .	117 76	
	<hr/>	\$810 96

## UNPAID BILLS

O. E. Carter, surveys and plans \$103 15

## PROTECTION TO PERSONS AND PROPERTY

## POLICE DEPARTMENT

Appropriation . . . . . \$4,400 00

## RECEIVED

Court fines . . . . .	161 00	
	<hr/>	\$4,561 00

## EXPENDED

For Salaries of Officers:

William E. Swain, Chief . . .	\$1,001 00
William H. Manning . . .	288 75
Robert W. Powers . . .	288 75
John M. Cullinane . . .	115 50
Jeremiah Cullinane . . .	808 50
Oscar H. Low . . .	730 25
George Stock . . .	733 00
T. J. Cullinane . . .	295 23
C. M. Skidmore . . .	27 50
J. W. Sias . . .	13 75
A. M. Allen . . .	1 38
	<hr/>
	\$4,303 61
Special Officers July 3 and 4 . . .	42 00
	<hr/>
	\$4,345 61

Telephone . . . . .	\$57 72	
Transportation of prisoners . . . . .	9 30	
Signs . . . . .	12 00	
Auto hire . . . . .	18 00	
Horse hire . . . . .	6 50	
William E. Swain, expenses . . . . .	18 92	
Auto list . . . . .	10 00	
Services Robert T. Murray, Town vs. Nickerson . . . . .	27 00	
Helmets . . . . .	7 05	
Professional services Dr. Halligan . . . . .	3 00	
Printing . . . . .	7 50	
Laundry . . . . .	2 50	
Express . . . . .	1 24	
Incidentals . . . . .	13 75	
	<hr/>	
	\$4,540 09	
Transferred to Contingent . . . . .	20 91	
	<hr/>	\$4,561 00

## UNPAID BILLS

N. E. T. & T. Co. . . . . \$ .55

## FIRE DEPARTMENT

Appropriation . . . . . \$6,000 00

## RECEIPTS

Sale of old hose . . . . .	\$10 00	
Sale of barrel . . . . .	3 67	
Sundry telephone tolls . . . . .	8 20	
Miscellaneous . . . . .	11 25	
	<hr/>	33 12
		<hr/>
		\$6,033 12

## EXPENDED

O. O. Ordway, Chief . . . . .	\$100 00
George O. Putnam . . . . .	28 33
Edwin C. Hanscom . . . . .	25 00



Frank E. Gray . . . . .	\$56 67
Luke McKenney . . . . .	70 00

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	280 00
L. T. Eames, Engineer Steamer . .	25 00
L. T. Eames, Supt. Fire Alarm . .	191 33
M. J. Shannon, Assistant Engineer .	80 22
E. H. Crowe, Steward . . . . .	60 00
C. H. Heselton, Steward . . . . .	65 00
D. Weston, Steward . . . . .	30 00
E. F. Davis, Steward . . . . .	30 00
G. F. Blanchard, Steward . . . . .	15 00
Pay Roll call men . . . . .	2,596 44

## Pay Roll permanent men :

Hugh Eames, driver . . . . .	120 72
M. J. Shannon, Assistant . . . . .	107 43
Horse hire . . . . .	1,161 88
Extra labor . . . . .	199 13
Repairs to equipment . . . . .	128 52
General repairs . . . . .	115 83
Supplies . . . . .	186 94
Express . . . . .	15 09
Fuel . . . . .	61 36
Use of horse and wagon . . . . .	17 50
Water rates . . . . .	17 76
Lighting . . . . .	26 79
Telephone . . . . .	30 06
Teaming . . . . .	1 75
Storing pung . . . . .	2 00
Printing . . . . .	16 40
Lunches . . . . .	8 20
New Equipment Box . . . . .	45 00
Wire and incidentals . . . . .	91 65
Hugh Eames, expenses, Springfield .	25 00
Repairs Hancock engine house . .	110 57
Rent . . . . .	15 00

Pole . . . . .	\$24 15	
Box recorder . . . . .	125 00	
	<hr/>	
	6,026 72	
Transferred to Contingent . . .	6 40	
	<hr/>	\$6,033 12

## UNPAID BILLS

Wendell Bancroft Co. . . . .	\$1 53
Municipal Light Board . . . . .	1 80
N. E. Tel. & Tel. Co. . . . .	4 93
Fred Wallace . . . . .	4 40
Francis Bros. . . . .	2 04
Cummings Express . . . . .	50

## AUTO CHEMICAL TRUCK

By Loan . . . . .	\$7,500 00
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## EXPENDED

Knox Automobile Co. . . . .	7,500 00
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## REPAIRS CENTRAL FIRE STATION

Appropriation . . . . .	\$550 00
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## TRANSFERRED

From Licenses and Permits . . . .	60 00
	<hr/>
	\$610 00

## EXPENDED

H. R. Johnson, contract . . . . .	\$295 74	
T. C. Fife, plumbing . . . . .	146 00	
George L. Flint, laying floor . . . . .	35 00	
Beds . . . . .	28 00	
Sheets . . . . .	17 68	
Furniture . . . . .	6 00	
Labor, L. T. Eames . . . . .	36 50	
Labor, Hugh Eames . . . . .	22 50	
Supplies . . . . .	4 95	
	<hr/>	592 37
Balance to 1914 . . . . .		<hr/>
		\$17 63

## HYDRANT RENTALS

Appropriation . . . . .	\$5,640 00
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## EXPENDED

Reading Water Works . . . . .	\$5,640 00
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## MOTH DEPARTMENT

Appropriation . . . . .	\$2,618 75
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Received from assessments and Commonwealth of Massachusetts . . .	\$2,596 15
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Tree Warden Department . . . . .	280 00
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2,876 15
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\$5,494 90
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Balance due from Commonwealth of Massachusetts Dec. 31, 1912 . . .	\$2,165 48
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## EXPENDED

Henry M. Donegan, Supt. . . . .	\$900 00
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Pay roll . . . . .	3,761 91
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Pay roll, teams . . . . .	522 53
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Rent of barn . . . . .	60 00
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Express . . . . .	28 03
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Filing saws . . . . .	6 40
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Oil . . . . .	78 55
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Repairing cart . . . . .	71 00
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Printing . . . . .	39 35
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General repairing . . . . .	19 31
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H. M. Donegan, expenses . . . . .	8 70
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5,495 78
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\$7,661 26
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Balance due from Commonwealth of Mass. and Moth Assessments outstanding . . . . .	2,166 36
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\$5,494 90
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## FOREST WARDEN

Appropriation . . . . .	\$500 00
Receipts from telephone tolls . . .	2 24
	<hr/>
	\$502 24

## EXPENDED

H. E. McIntire, Warden . . . . .	\$20 00
Geo. F. Blanchard, Deputy Warden . .	15 00
Willard A. Bancroft, Deputy Warden .	15 00
John N. Weston, Deputy Warden . . .	15 00
A. E. Batchelder, Deputy Warden . .	15 00
H. W. Newhouse, Deputy Warden . . .	11 25
	<hr/>
	\$91 25
Pay roll, forest fires . . . . .	271 00
Repairs . . . . .	14 10
Telephone . . . . .	11 25
Printing . . . . .	5 00
Water . . . . .	2 31
Supplies . . . . .	31 29
	<hr/>
	\$426 20
Transferred to Contingent . . . . .	76 04
	<hr/>
	\$502 24

## TREE WARDEN

Appropriation . . . . .	\$500 00
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## RECEIVED

Sundry parties, spraying . . . . .	32 00
	<hr/>
	\$532 00
Balance due from sundry parties spraying Elm Tree Beetle, Dec. 31, 1912	\$118 72

## EXPENDED

Pay roll . . . . .	\$158 18	
Labor, Moth Department . . . . .	280 00	
Printing . . . . .	4 00	
Filing saws . . . . .	55	
	<hr/>	442 73

\$561 45

Balance to 1914 . . . . .	\$29 45
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Made good by amounts due from sundry parties	
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## INSPECTION

## INSPECTOR OF WIRES

Appropriation . . . . .	\$100 00
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## EXPENDED

A. G. Sias, Inspector . . . . .	\$66 67	
J. W. Sias, Inspector . . . . .	33 33	
	<hr/>	\$100 00

## SEALER OF WEIGHTS AND MEASURES

Appropriation . . . . .	\$125 00
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## RECEIVED

From sundry parties . . . . .	34 30
	<hr/>
	\$159 30

## EXPENDED

F. W. Parker, salary . . . . .	\$100 00	
F. W. Parker, expenses . . . . .	12 22	
Printing . . . . .	3 25	
Repairs . . . . .	1 50	
	<hr/>	

\$116 97

Transferred to Contingent . . . . .	42 33
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	<hr/>	\$159 30
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## HEALTH AND SANITATION

## HEALTH DEPARTMENT SALARIES

Appropriation . . . . .	\$250 00
Transferred from Contingent . .	6 25
	<hr/>
	\$256 25

## EXPENDED

E. M. Halligan, M. D., 1912, salary .	\$6 25
E. M. Halligan, M. D., 1913, salary .	75 00
M. E. Brande . . . . .	75 00
Geo. L. Flint, secretary . . . .	100 00
	<hr/>
	\$256 25

## HEALTH DEPARTMENT MAINTENANCE

Appropriation . . . . .	\$995 00
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## RECEIPTS

Mrs. Batchelder . . . . .	1 00
Transferred from Contingent . .	101 97
	<hr/>
	\$1,097 97

## EXPENDED

David M. Taggart, Inspector of Plumbing . . . . .	\$600 00
C. H. Playdon, Inspector Animals .	125 00
J. H. Eames, Inspector Slaughtering	75 00
City of Lawrence, contagious diseases	31 43
Disinfectants . . . . .	86 94
Express . . . . .	1 95
Lighting . . . . .	10 50
Printing . . . . .	29 50
Office supplies . . . . .	10 90
Rent . . . . .	100 08
Professional services . . . . .	3 00
Telephone . . . . .	23 67
	<hr/>
	\$1,097 97



## HIGHWAYS, BRIDGES AND SIDEWALKS

## HIGHWAY DEPARTMENT

Appropriation . . . . .	\$3,500 00
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## RECEIVED

I. O. O. F., sidewalks . . . . .	\$44 83
Sundry receipts . . . . .	248 25
Bay State Street Railway . . . . .	6,602 30

## TRANSFERRED

School Street appropriation . . . . .	20 64
Main Street sidewalk appropriation . . . . .	26 76
West Street . . . . .	440 84

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 7,383 62

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 \$10,883 62

## EXPENDED

## Pay roll:

Maintenance . . . . .	\$2,566 22
Construction . . . . .	1,886 37
Street cleaning . . . . .	1,206 23
E. H. Crowe, Superintendent . . . . .	914 55
Stone and gravel . . . . .	1,111 59
Road sweeper . . . . .	250 00
Tarvia . . . . .	1,430 53
Freight and express . . . . .	602 71
Fuel . . . . .	47 98
Town Home, use of horse . . . . .	22 82
Use of cart, Henry Upton . . . . .	39 75
Supplies . . . . .	220 30
Hauling . . . . .	5 00
Liability insurance . . . . .	147 55
Concrete . . . . .	74 73
Edgestones . . . . .	14 14
Lanterns . . . . .	13 50
Lumber . . . . .	2 28
Horse hire . . . . .	8 00
Telephone . . . . .	21 41

Lettering signs . . . . .	\$8 00
Inspection of boiler . . . . .	5 00
Repairs . . . . .	80 90
Pipe . . . . .	86 89

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\$10,766 45

Snow and ice removal . . . . .	103 57
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(For detailed statement see Snow and Ice Acct.)

Bal. transferred to Contingent . . . . .	13 60
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\$10,883 62

## DRAIN GOULD STREET

Balance from 1912 . . . . .	\$582 70
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## EXPENDED

Pay roll . . . . .	\$171 82
Lumber . . . . .	219 68
Pipe . . . . .	173 00
Plans . . . . .	15 10
Grate forms . . . . .	2 60
Expressing . . . . .	50

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\$582 70

## SNOW AND ICE ACCOUNT

Transferred from Highways . . . . .	\$103 57
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## EXPENDED

Pay roll . . . . .	\$64 69
Teams . . . . .	28 38
Repairs . . . . .	7 00
Supplies . . . . .	3 50

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\$103 57

## LOWELL STREET MACADAM

Balance from 1912 . . . . .	\$1,000 00
Appropriation . . . . .	1,500 00

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\$2,500 00

## EXPENDED

Pay roll . . . . .	\$3,273 61	
Gravel . . . . .	109 50	
Rock . . . . .	94 00	
Tarvia . . . . .	649 78	
Lumber . . . . .	195 11	
Forms . . . . .	16 80	
Fuel . . . . .	17 11	
Pipe . . . . .	69 12	
Grate bars . . . . .	15 55	
Supplies . . . . .	30 64	
Express and freight . . . . .	43 02	
Bound stone . . . . .	3 30	
Repairing tools . . . . .	35 00	
	<hr/>	
	\$4,552 54	
Due from Commonwealth of Mass. . . . .	2,500 00	
	<hr/>	
		2,052 54
		<hr/>
Unexpended		\$447 46

NOTE.—The Unexpended balance of \$447.46, is to provide for rock to be paid to the Bay State Street Railway.

## LOWELL STREET MACADAM SPECIAL

## EXPENDED

Pay roll . . . . .	\$180 63	
Lumber . . . . .	21 09	
Gravel . . . . .	27 75	
	<hr/>	
		\$229 47
To be refunded by the Bay State Street Railway Company.		

## HAVERHILL STREET MACADAM

Appropriation . . . . .	\$1,000 00
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## EXPENDED

Pay roll . . . . .	\$10 50	
Irving F. Batchelder, contract . .	877 00	
Irving F. Batchelder, gravel . .	99 50	
Use of auto . . . . .	3 00	
Repairing tools . . . . .	10 00	
	<hr/>	\$1,000 00

## WEST STREET MACADAM

Appropriation . . . . .	\$1,000 00
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## EXPENDED

Pay roll . . . . .	\$945 70	
Gravel . . . . .	54 30	
	<hr/>	\$1,000 00

## LAYING OUT DUDLEY STREET

Appropriation . . . . .	\$1,200 00
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## EXPENDED

Pay roll . . . . .	\$1,055 20	
Survey . . . . .	11 20	
Supplies . . . . .	1 83	
Pipe . . . . .	35 96	
Use of horse, Town Home . . . .	38 81	
Gravel . . . . .	57 00	
	<hr/>	\$1,200 00

## STREET WATERING

Appropriation . . . . .	\$1,000 00
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## EXPENDED

Pay roll . . . . .	\$561 96	
Water Department, water . . . .	300 00	
Repairs to cart . . . . .	6 75	
	<hr/>	\$868 71
Transferred to Contingent . . . .	131 29	
	<hr/>	\$1,000 00

## REMOVAL OF LIGHT, HOPKINS STREET

Appropriation . . . . .	\$100 00
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## EXPENDED

Municipal Light Board . . . . .	\$100 00
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## OIL FOR STREETS

Appropriation . . . . .	\$2,000 00
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## RECEIVED

L. B. Lewis oil . . . . .	\$57 60	
Malden & Melrose Gas Co. . . . .	57 00	
	<hr/>	114 60
		<hr/>
		\$2,114 60

## EXPENDED

Pay roll . . . . .	\$41 83	
Oil . . . . .	1,958 29	
Tarvia . . . . .	111 48	
Freight . . . . .	3 00	
	<hr/>	\$2,114 60

## NEW LIGHTS

Appropriation . . . . .	\$1,150 00
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## EXPENDED

Municipal Light Department . . . . .	\$1,150 00
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## DRINKING FOUNTAINS

Appropriation . . . . .	\$300 00
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## EXPENDED

Water Department, water . . . . .	\$300 00
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## CATCH BASINS, PRESCOTT AND PRATT STREETS

Appropriation . . . . .	\$350 00
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## EXPENDED

Pay roll . . . . .	\$156 50	
Plans . . . . .	3 50	
Pipe . . . . .	180 00	
Grates . . . . .	10 00	
	<hr/>	\$350 00

## STREET LIGHTING

Appropriation . . . . .	\$6,000 00
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## EXPENDED

Municipal Light Plant . . . . .	\$6,000 00
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## SCHOOL STREET CONSTRUCTION

Balance from 1912 . . . . .	\$45 12
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## EXPENDED

Labor, Highway Department . . . . .	\$20 64
Pipe and cement . . . . .	17 28
Grates . . . . .	7 20
	<hr/>
	\$45 12

## SIDEWALK, WEST SIDE OF MAIN STREET, FROM SOUTH STREET

Appropriation . . . . .	\$500 00
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## EXPENDED

Pay roll . . . . .	\$115 74
Malden & Melrose Gas Light Co., labor	350 00
Gravel . . . . .	7 50
	<hr/>
	\$473 24
Transferred to Highway Dept. . . . .	26 76
	<hr/>
	\$500 00

## CHARITIES

## POOR DEPARTMENT

Appropriation . . . . .	\$3,200 00
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## RECEIPTS

From sundry persons . . . . .	116 53
	<hr/>
	\$3,316 53



## EXPENDED

## Salaries:

Edwin L. Hutchinson . . . .	\$125 00
Alvah W. Clark . . . .	16 67
Frederic D. Merrill . . . .	16 67
James W. Killam . . . .	83 33
Otis B. Ruggles . . . .	83 33

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 \$325 00

NOTE.—Error of Town Accountant in Mr.  
Hutchinson's salary refunded by him after  
closing (\$25.00)

Groceries and provisions, sundry persons . . . . .	156 39
Fuel, sundry persons . . . .	79 00
Cash aid . . . . .	104 00
Board . . . . .	149 14
Clothing . . . . .	3 00
Repairing roof . . . . .	2 75
Printing . . . . .	5 75
Drugs . . . . .	7 75
Express . . . . .	40
Supplies . . . . .	12 75

## Cities and towns:

City of Boston . . . . .	21 43
City of Woburn . . . . .	164 57
Town of Medford . . . . .	4 00

## Institutions:

Children's Mission . . . . .	68 93
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 \$1,104 86

## Mothers with dependent children,

Chap. 763, Acts 1913 . . . .	291 35
Town Home, net . . . . .	1,915 15

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 \$3,311 36

Balance transferred to Contingent . . . .	5 17
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 \$3,316 53

## MOTHERS WITH DEPENDENT CHILDREN, CHAP. 763, ACTS 1913

## EXPENDED

Sundry parties . . . . .	\$291 35
Transferred to Poor Department . .	291 35

## TOWN HOME

## RECEIVED

From sale of:

Milk . . . . .	\$101 23
Apples . . . . .	199 75
Calves . . . . .	6 00
Eggs . . . . .	36 07
Vinegar . . . . .	3 70
Vegetables . . . . .	30 62

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\$377 37

From Highway Dept., use of team .	59 63
From sale of tools . . . . .	40 00
From board . . . . .	156 00
From telephone tolls . . . . .	5 65

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\$638 65

## EXPENDED

L. A. Deming, Superintendent . .	\$500 00
Mrs. Heilge, services . . . . .	133 00
Groceries and provisions . . . . .	564 53
Fuel . . . . .	247 96
Grain . . . . .	265 01
Lighting . . . . .	66 93
Water . . . . .	55 56
Horse . . . . .	153 00
Live stock . . . . .	36 85
Telephone . . . . .	38 39
Plumbing . . . . .	61 50
Furnishings . . . . .	42 79
Shoes . . . . .	9 50

Clothing . . . . .	\$9 35
Medical attendance . . . . .	22 00
Medicine . . . . .	32 60
Labor, highways . . . . .	15 75
Slaughtering . . . . .	4 50
Express . . . . .	1 35
Shoeing . . . . .	15 75
Ice . . . . .	12 15
Repairs . . . . .	58 10
Incidentals . . . . .	35 60
Supplies . . . . .	171 63

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\$2,553 80

Balance carried to Poor Department 1,915 15

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\$638 65

#### TOWN HOME REPAIRS

Appropriation . . . . . \$550 00

#### EXPENDED

R. Friedman, painting . . . . .	\$101 00
T. C. Fife, plumbing . . . . .	345 28
Hodson Bros., paper hanging . . . . .	17 95
Matting . . . . .	38 79
Advertisement . . . . .	1 50
Labor . . . . .	5 00

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\$509 52

Transferred to Contingent . . . . . 40 48

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\$550 00

#### OUTSIDE RELIEF BY CITIES AND TOWNS

##### Commonwealth of Massachusetts

##### Temporary Aid

#### RECEIVED

From Commonwealth . . . . . \$177 00

## EXPENDED

Aid and supplies . . . . .	\$166 74	
Balance, 1912 . . . . .	617 13	
	<hr/>	
	\$783 87	
Balance due from Commonwealth	606 87	
	<hr/>	

\$177 00

## COMMONWEALTH OF MASSACHUSETTS

Mothers with Dependent Children,  
Chapter 763, Acts 1913

## EXPENDED

Sundry persons . . . . .	\$305 65	
Due from Commonwealth . . . . .		

## CITY OF CAMBRIDGE

To balance, 1912 . . . . .	\$82 28	
Received . . . . .		\$82 28

## TOWN OF NORFOLK

Received from 1913 . . . . .		\$136 27
Balance from 1912 . . . . .	\$136 27	

## EXPENDED

Supplies . . . . .	\$128 25	
Due from Town of Norfolk . . . . .		

## TOWN OF CANTON

Received from 1913 . . . . .		\$42 00
Balance from 1912 . . . . .	\$42 00	

## TOWN OF METHUEN

## EXPENDED

Supplies—due from Town of Methuen . . . . .		\$104 97
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## CITY OF SOMERVILLE

Mothers with dependent children, Chap.  
763, Acts 1913.

## EXPENDED

Due from City of Somerville . . .	\$192 00
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## SOLDIERS' BENEFITS

Appropriation . . . . .	\$750 00
Received from aid returned . . . .	17 87
	<hr/>
	\$767 87

## EXPENDED

Pay roll and aid . . . . .	705 72
Transferred to Contingent . . . .	62 15
	<hr/>
	\$767 87

## BURIAL OF SOLDIERS

Balance from 1912 . . . . .	\$179 00
Received from Commonwealth of Mass. . . . .	\$185 00

## EXPENDED

Burial of soldier . . . . .	37 00
	<hr/>
	\$216 00
Due from Commonwealth . . . . .	31 00
	<hr/>
	\$185 00

## STATE AID

Balance from 1912 . . . . .	\$1,780 00
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## RECEIVED

From Commonwealth of Massachusetts	\$1,782 00
From return State Aid . . . . .	12 00
	<hr/>
	\$1,794 00

## EXPENDED

Pay roll . . . . .	\$1,708 00	
	<u>          </u>	\$3,488 00
To be refunded by the Commonwealth of Mass. . . . .		\$1,694 00

## EDUCATION

## SCHOOL DEPARTMENT

Appropriation . . . . .	\$38,000 00
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## RECEIVED

From loan . . . . .	2,700 00
Tuition, Commonwealth of Mass.	261 00
Tuition, City of Boston . . .	106 00
Tuition, North Reading . . .	1,647 50
Rent, John Street School . . .	132 00
Refund, freight . . . . .	1 00
Refund, Russell Coal Co. . . .	100 00
E. E. Babb, supplies . . . . .	41 91
F. L. Reed . . . . .	2 98
Reading Woman's Club . . . .	2 00
Glass, Lowell Street School . .	13 50
Refund, Phillips & Carlson . . .	2 50
Telephone tolls . . . . .	2 45
Sundry sources . . . . .	11 78
	<u>          </u>
	\$43,024 62
Transferred from Center School, sanitary	\$20 00
Transferred from Chestnut Hill School, sanitary . . . . .	10 00
Transferred from Union Street School, sanitary . . . . .	69
	<u>          </u>
	30 69
	<u>          </u>
	\$43,055 31



## EXPENDED

## Administrative Salaries:

H. T. Watkins, Supt.	\$533	28
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## Other Salaries:

Teachers	27,975	64
Janitors	3,266	00
Truant Officer	150	00

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\$31,924 92

Transportation	856	25
Fuel and freight	3,029	68
Building and ground maintenance	375	02
Repairs	1,058	94
Incidentals	112	65
Heating apparatus, Prospect St. School	576	51
Heating apparatus, Chestnut Hill School	100	00
Inspection school children	200	00

## Other general expenses:

Text books and supplies	1,421	53
Tuition	191	10
Support of truants	36	70
Telephone	136	27
Diplomas	15	50
Professor Ballou, services	50	00
Howard W. Poor, expenses	8	00
Taxi hire	11	00
Music	58	33
Water rates	244	84
Lighting	232	63
Traveling expenses, H. T. Watkins	21	85
Disinfectant	122	30
Taking census	100	00
General supplies	1,696	24
Binding books	168	38
Printing	132	65

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\$42,881 29

Transferred to Sanitary Toilets, Union Street School . . . . .	\$173 81
Unexpended balance transferred to Con- tingent . . . . .	21
	<hr/> \$43,055 31

## UNPAID BILLS

Municipal Light . . . . .	\$37 77
N. E. T. & T. Co. . . . .	9 72
Samuel Ward, supplies . . . . .	75
West Disinfecting Co., disin- fectant . . . . .	1 50
Cummings Express, removing ashes . . . . .	13 66
W. H. Willis, supplies . . . . .	1 70
R. D. Clapp, repairs . . . . .	2 00
T. C. Fife, repairs . . . . .	14 15
Francis Bros., repairs . . . . .	6 42
E. C. Hanscom, teaming fuel . . . . .	86 62
	<hr/>
	\$174 29

## SANITARY TOILETS UNION STREET SCHOOL

Balance from 1912 . . . . .	\$116 69
Transferred from School Department . . . . .	173 81
	<hr/>
	\$290 50

## EXPENDED

Louis Ellenwood, contract . . . . .	\$289 81
Transferred to School Department . . . . .	69
	<hr/>
	\$290 50

## SANITARY TOILETS CENTER SCHOOL

Appropriation . . . . .	\$1,700 00
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## EXPENDED

Stewart & Robertson, contract . . . . .	\$1,680 00
Transferred to School Department . . . . .	20 00
	<hr/>
	\$1,700 00

## SANITARY TOILETS CHESTNUT HILL SCHOOL

Transferred from Overlay . . .	\$1,000 00
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## EXPENDED

Stewart & Robertson, contract . .	\$990 00
Transferred to School Department .	10 00
	<hr/> \$1,000 00

## PUBLIC LIBRARY

Appropriation . . . . .	\$1,325 00
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## RECEIVED

From Dog Tax . . . . .	680 36
Fines and catalogues . . . . .	76 00
Refund, express . . . . .	1 32
	<hr/> \$2,082 68

## SALARIES

## EXPENDED

Bertha L. Brown . . . . .	\$300 00
Grace J. Abbott . . . . .	41 25
Charles H. Stinchfield, janitor . .	55 11
	<hr/> \$396 36
Rent . . . . .	600 00
Taxes . . . . .	206 20
Fuel . . . . .	158 50
Lighting . . . . .	60 82
Express and expense . . . . .	6 54
Books . . . . .	390 13
Periodicals . . . . .	71 10
Binding . . . . .	65 61
Printing . . . . .	37 25
Electrical repairs . . . . .	17 90
Francis Bros., tables . . . . .	49 53
Incidentals and supplies . . . . .	22 74
	<hr/> \$2,082 68

•

Repairing band stand . . . . .	\$15 00	
Painting Settees . . . . .	17 36	
Trimming shrubbery . . . . .	12 50	
Hardware . . . . .	36	
	<hr/>	\$106 47

## MEMORIAL DAY

Appropriation . . . . .	\$200 00
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## EXPENDED

G. A. R. Post 194 . . . . .	\$200 00
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## BAND CONCERTS

Appropriation . . . . .	\$200 00
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## EXPENDED

Chapman's Band . . . . .	\$100 00	
Reading Brass Band . . . . .	100 00	
	<hr/>	\$200 00

## CEMETERIES

Appropriation . . . . .	\$1,100 00
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## RECEIVED

From allowance on burial device . . . . .	\$5 62
From care of lots . . . . .	685 00
Transferred from Cemetery Special . . . . .	650 00
	<hr/>
	\$2,440 62

## EXPENDED

Pay roll . . . . .	\$1,352 50
Survey and plans . . . . .	14 50
A. W. Danforth, salary . . . . .	75 00
A. W. Danforth, expense . . . . .	7 50
Lettering signs . . . . .	26 00
Repairing lawn mowers . . . . .	2 00
Hardware . . . . .	5 70
Supplies . . . . .	8 00
Flowers . . . . .	101 70

Repairs . . . . .	\$4 70
Markers . . . . .	7 20
Planting shrubbery . . . . .	143 00
Burial device . . . . .	59 12
Lawn seed . . . . .	34 50
Supplies . . . . .	3 50

## Fence and Water Supply:

## Reading Water Works,

pipe and labor . . \$138 59

Lumber and gravel . . 8 90

Fence . . . . . 237 95

335 44

\$2,230 36

Balance to 1914 . . . . . 210 26

\$2,440 62

## CEMETERY SPECIAL

Balance from 1912 . . . . . \$3,325 71

## RECEIVED

From sale lots and graves . . . \$1,650 00

From interest . . . . . 165 18

1,815 18

\$5,140 89

## EXPENDED

Transferred to Cemetery Note . . \$100 00

Transferred to Cemetery Appropriation 650 00

750 00

Balance to 1914 . . . . . \$4,390 89

## MUNICIPAL INDUSTRIES

## MUNICIPAL LIGHT—UNPAID CONSTRUCTION BILLS, 1912

Appropriation . . . . . \$3,826 19



## EXPENDED

To Municipal Light Department . . \$3,826 19

## PAINTING STAND PIPE

Appropriation . . . . . \$2,000 00

## EXPENDED

To Reading Water Department . . \$2,000 00

## PUBLIC SERVICE ENTERPRISES

## WATER DEPARTMENT

## MUNICIPAL LIGHT DEPARTMENT

(For the receipts and expenditures see respective reports)

## MUNICIPAL INDEBTEDNESS MATURING 1913

Appropriation . . . . .	\$10,125 00
Received from Water Department, Water Board . . . . .	3,000 00
Transferred from Contingent . .	5,600 00
Transferred from Cemetery Special .	100 00
Transferred from Grouard Estate In- come . . . . .	475 00
Municipal Light Department . .	6,800 00
	<hr/>
	\$26,100 00

## EXPENDED

Reading Water Works bonds . .	\$8,000 00
Municipal Light bonds and notes . .	6,800 00
Highland School House building . .	3,000 00
High School building . . . . .	5,000 00

Lowell Street School building	. .	\$1,000 00
Grouard Estate loan	. . . .	1,000 00
Cemetery Bequest note	. . . .	1,200 00
Cemetery land	. . . .	100 00
		<hr/> \$26,100 00

## INTEREST ACCOUNT

Appropriation	. . . . .	\$4,393 00
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## RECEIVED

Interest on deposits	. . . . .	323 72
Interest on taxes	. . . . .	2,478 01
Interest on property taken	. . . . .	88
Transferred from Contingent	. . . . .	74 48
		<hr/> \$7,270 09

## EXPENDED

Interest on Temporary Loans	. . . . .	\$3,692 68
Interest on School Loans	. . . . .	2,500 00
Interest on General Loans	. . . . .	769 65
Interest on Cemetery Special Account	. . . . .	165 18
Interest on Cemetery Bequests	. . . . .	142 58
		<hr/> \$7,270 09

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 AGENCY AND TRUST TRANSACTIONS

## STATE TAX

From tax levy 1913	. . . . .	\$11,920 00
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## EXPENDED

Commonwealth of Massachusetts	. . . . .	\$11,920 00
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## COUNTY TAX

From tax levy 1913	. . . . .	\$6,013 46
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## EXPENDED

Middlesex County Treasurer . . . \$6,013 46

## HIGHWAY TAX

From tax levy 1913 . . . . . \$187 00

## EXPENDED

Commonwealth of Massachusetts . . . \$187 00

## WELLINGTON BRIDGE

From tax levy 1913 . . . . . \$50 50

## EXPENDED

Commonwealth of Massachusetts . . . \$50 50

## CORPORATION TAX

Received from Commonwealth of Mass. . . \$6,387 82

## EXPENDED

Commonwealth of Massachusetts . . . \$7 69

To amount used in tax levy 1913 . . . 5,700 00

Unexpended balance to Contingent . . . 680 13  
 \_\_\_\_\_ \$6,387 82

## NATIONAL BANK TAX

Received from Commonwealth of Mass. . . \$805 11

## EXPENDED

Commonwealth of Massachusetts . . . \$448 22

Unexpended balance to Contingent . . . 356 89  
 \_\_\_\_\_ \$805 11

## BAY STATE STREET RAILWAY TAX

## RECEIVED

From Commonwealth of Massachusetts . . . \$3,845 53

From Bay State Street Railway . . . 2,756 77

\_\_\_\_\_ \$6,602 30

## TRANSFERRED

To Highway Department . . . . . \$6,602 30

# UNCLASSIFIED CONTINGENT ACCOUNT

	OVERDRAWN	UNEXPENDED
Balance from 1913 . . . .	\$5,600 64	
Transferred to Maturing Notes	<u>5,600 00</u>	
		\$ 64
Premium . . . . .		10
Certification of Taxes . . . .		5 00
Licenses and Permits . . . .		11 00
Corporation Tax . . . . .		680 13
National Bank Tax . . . . .		356 89
Selectmen's Expenses . . . .		119 36
Town Accountant's Salary . . .		41 66
Assessors' Salaries . . . . .		41 80
Assessors' Expenses . . . . .		63 01
Tax Collector's Expenses . . .		6 12
Town Clerk's Expenses . . . .		2 96
Treasurer's Salary . . . . .		33 34
Treasurer's Expenses . . . .		59 45
Miscellaneous Expenses . . . .		486 45
Town Building . . . . .		24
Insurance . . . . .		280 94
Police Department . . . . .		20 91
Fire Department . . . . .		6 40
Forest Warden . . . . .		76 04
Sealer Weights and Measures		42 23
Highways . . . . .		13 60
Street Watering . . . . .		131 29
Poor Department . . . . .		5 17
Town Home Repairs . . . . .		40 48
Soldiers' Relief . . . . .		62 15
School Department . . . . .		21
Rent of Playground . . . . .		08
Interest Account . . . . .	\$74 48	
Com. of Mass., Small Pox . . .	22 49	
Moderator . . . . .	20 00	

Tax Collector's Salary . . .	\$18 32
Election Expenses . . .	58 81
Health Department Salaries . . .	6 25
Health Dept. Maintenance . . .	101 97
Care of Common . . .	6 47

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\$308 79

Balance forward . . . 2,278 96

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Available for 1914 . . . \$2,587 75

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\$2,587 75

## PREMIUMS

## RECEIVED

From Temporary Loans . . .	\$ 10
Transferred to Contingent . . .	10

## CERTIFICATION OF TAXES

## RECEIVED

From Collector of Taxes . . .	5 00
Transferred to Contingent . . .	5 00

## LICENSES AND PERMITS

## RECEIVED

C. L. Nichols, slaughter house . . .	\$1 00
Geo. L. Flint, auctioneer . . .	4 00
Jacob Riseman, junk . . .	25 00
Israel Horovitz, junk . . .	25 00
Cummings express . . .	1 00
American express . . .	1 00
James Borthwick . . .	3 00
Simon Castine . . .	3 00
Robert Weston, garage . . .	1 00
Downie & Wheeler, circus . . .	5 00
Geo. Horrocks, auctioneer . . .	2 00

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\$71 00

## TRANSFERRED

Repair Central Fire Station . . . . .	\$60 00	
Contingent . . . . .	11 00	
	<hr/>	\$71 00

## C. L. HAAG ESTATE

## RECEIVED

Sale of Property . . . . .		\$1,035 00
Balance from 1912 . . . . .	\$161 00	
Transferred to miscellaneous expenses	874 00	
	<hr/>	\$1,035 00

## TAXES ON PROPERTY TAKEN

Balance from 1912 . . . . .	\$483 69
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## RECEIVED

From Tax Collector . . . . .	90 07
	<hr/>
	\$573 76

## EXPENDED

To Collector of Taxes . . . . .	\$470 90
Balance to 1914 . . . . .	102 86
	<hr/>
	\$573 76

## GROUARD ESTATE INCOME

Balance from 1912 . . . . .	\$187 96
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## RECEIVED

Rent . . . . .	500 04
	<hr/>
	\$688 00

## EXPENDED

Painting house . . . . .	\$75 00
Repairs . . . . .	17 93
Water rates . . . . .	11 29
Transferred to maturing indebtedness for note . . . . .	\$475 00
	<hr/>
	\$579 22
Balance carried to 1914 . . . . .	108 78
	<hr/>
	\$688 00



SCHEDULE OF REAL ESTATE AND PERSONAL  
PROPERTY OWNED BY THE TOWN OF READING  
DECEMBER 31, 1913

SCHOOLS

Buildings and land . . . . .	\$214,000 00	
Personal . . . . .	15,000 00	
	<hr/>	\$229,000 00

PARKS

Common . . . . .	\$10,000 00	
Band Stand . . . . .	500 00	
Mayall Park . . . . .	500 00	
Washington Park . . . . .	500 00	
	<hr/>	\$11,500 00

TOWN BUILDINGS

Town Building . . . . .	\$21,400 00	
Grouard estate . . . . .	10,700 00	
Police (personal) . . . . .	311 50	
	<hr/>	\$32,411 50

FIRE DEPARTMENT

Fire houses . . . . .	\$6,600 00	
Personal . . . . .	20,905 00	
	<hr/>	\$27,505 00

LIBRARIES

Personal . . . . .		\$3,500 00
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WATER DEPARTMENT

Buildings . . . . .	\$15,300 00	
Personal . . . . .	2,500 00	
	<hr/>	\$17,800 00

HIGHWAYS

Tool house . . . . .	\$500 00	
Personal . . . . .	3,502 10	
	<hr/>	\$4,002 10

## POOR DEPARTMENT

Town Home . . . . .	\$9,500 00	
Personal, Town Home . . . . .	3,300 00	
	<hr/>	\$12,800 00

## LAND

Land off Grove st., near golf links	\$200 00	
Land west of John street . . .	50 00	
Land west of John street . . .	50 00	
Land Ash street, near railroad . .	1,200 00	
	<hr/>	\$1,500 00

## CEMETERY

Land (estimated) . . . . .	\$25,000 00	
Tool house . . . . .	100 00	
Personal . . . . .	200 00	
	<hr/>	\$25,300 00

## MUNICIPAL LIGHT DEPARTMENT

Building and land . . . . .	\$18,600 00	
Personal . . . . .	142,300 00	
	<hr/>	\$160,900 00

Total value of real and personal property Dec. 31, 1913 . . . . .		\$526,218 60
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## EXEMPTED PROPERTY

The following is a schedule of property used for religious and other purposes and by law exempt from taxation as reported by the Assessors Dec. 31, 1913:

Baptist Society . . . . .	\$26,000 00
Congregational Society . . . . .	86,350 00
Old South M. E. Church . . . . .	43,000 00
Christian Union Society . . . . .	26,500 00
St. Agnes' Roman Catholic Church . . . . .	48,600 00
Home for Aged Women . . . . .	5,700 00
Quannapowitt Agricultural Association . . . . .	13,800 00
Fathers' and Mothers' Club . . . . .	3,850 00
	<hr/>
	\$253,800 00

## REPORT OF COLLECTOR

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H. M. VIAL, Collector,

DR.

Amount uncollected tax, account 1909	.	.	\$147 00
Uncollected tax, account 1910	.	.	190 24
Interest collected, account 1910	.	.	12 73
Uncollected tax, account 1911	.	.	13,359 51
Interest collected, account 1911	.	.	1,095 35
Uncollected tax, account 1912	.	.	46,594 08
Interest collected, account 1912	.	.	1,217 51
Tax, committed list, account 1913	.	.	134,281 14
Moth tax, account 1913	.	.	1,170 50
Additional tax, account 1913	.	.	14 00
Excise tax, account 1913	.	.	2,756 77
Supplementary tax, account 1913	.	.	4,076 37
Interest collected, account 1913	.	.	152 42
Paid after abatement	.	.	2 82
Account of certificates	.	.	5 00
Account of redemption of property	.	.	11 00
Postage	.	.	5 81

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\$205,092 25

## IN ACCOUNT WITH TOWN OF READING

CR.

Amount uncollected (suit pending) account 1909	\$147 00
Uncollected (suit pending) account 1910	88 65
Abatement, account 1910 . . . .	37 73
Cash paid W. C. Mansfield, Treasurer, account 1910 . . . . .	76 59
Cash paid W. C. Mansfield, Treasurer, account 1911 . . . . .	11,824 96
Abatement moth tax, account 1911 .	1 00
Abatement, account 1911 . . . .	714 44
Uncollected, account 1911 . . . .	1,914 46
Uncollected, account 1912 . . . .	11,157 18
Abatement moth tax, account 1912 .	5 50
Abatement, account 1912 . . . .	260 79
Cash paid W. C. Mansfield, Treasurer, account 1912 . . . . .	36,388 12
Cash paid W. C. Mansfield, Treasurer, account 1913 . . . . .	97,990 36
Abatement moth tax, account 1913 .	2 50
Abatement, account 1913 . . . .	392 55
Uncollected, account 1913 . . . .	44,065 79
Cash paid W. C. Mansfield, Treasurer, account Miscellaneous Receipts .	24 63
	<hr/>
	\$205,092 25

Respectfully submitted,

H. M. VIALI,  
Collector.

Reading, December 31, 1913.

Approved:

JOHN H. SHELDON, Town Accountant.

MR. JOHN H. SHELDON, Town Accountant,  
Reading, Mass.

DEAR SIR:—Herewith I hand you my report covering the year ending December 31, 1913.

For the information of the taxpayers, I would like to say, through you, a word in explanation of the unpaid taxes of 1909 and 1910 now in litigation. I am advised by the Town Counsel that this matter is now nearing a settlement and I hope in the near future to report that it is entirely cleaned up. In regard to the unpaid balance of 1911 amounting to \$1,914.46; since my report was made up, in one transaction \$1,840 of this amount has been settled, and the balance will undoubtedly be paid by the time the Town Report is distributed. As to the 1912 and 1913 unpaid taxes; in order to comply with the new laws governing Tax Collectors throughout the State, it will be necessary for the Collector to enforce collection on BOTH YEARS prior to the end of the present year. This public notice should prepare all those who are now delinquent for such action from the Collection Department.

Yours very truly,

HERBERT M. VIALI.

Collector.

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REPORTS OF DEPARTMENTS

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## REPORT OF ASSESSORS

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### Valuation of Real Estate :

Buildings excluding land . . . . .	\$3,529,975 00
Land excluding buildings . . . . .	2,190,405 00
Total real estate . . . . .	<u>\$5,720,380 00</u>
Personal estate excluding resident bank stock	\$1,228,303 00
Resident bank stock . . . . .	23,100 00
Total personal estate . . . . .	<u>\$1,251,403 00</u>
Total real and personal estate assessed April	
1, 1913 . . . . .	\$6,971,783 00
Real estate increase over 1912 . . . . .	\$311,395 00
Personal estate increase over 1912 . . . . .	113,521 00
Total increase . . . . .	<u>\$424,916 00</u>
Tax on real estate . . . . .	\$106,971 55
Tax on personal estate . . . . .	23,403 59
Tax on polls . . . . .	3,906 00
Tax on real estate for moth work . . . . .	1,170 50
Total tax assessed April 1, 1913 . . . . .	<u>\$135,451 64</u>
Personal estate assessed Dec. 16, 1913 . . . . .	\$216,205 00
Real estate assessed Dec. 16, 1913 . . . . .	1,675 00
Polls assessed since April 1, 1913 — 8 at \$2.00	16 00
Tax assessed as supplementary on personal	
estate Dec. 16, 1913 . . . . .	4,043 05
Tax assessed as supplementary on real estate	
Dec. 16, 1913 . . . . .	31 32
Street Railway Excise Tax on 11.999 miles . . . . .	2,756 77

Total assessed from all sources 1913 . . . . .	\$142,282 78
Total assessed in 1912 . . . . .	135,853 75
<hr/>	
Gain in 1913 over 1912 . . . . .	\$6,429 03
State highway tax . . . . .	\$187 00
Wellington Bridge tax . . . . .	50 50
State tax . . . . .	11,920 00
County tax . . . . .	6,013 46
<hr/>	
Total State and County tax 1913 . . . . .	\$18,170 96
Total State and County tax 1912 . . . . .	14,473 34
<hr/>	
1913 in excess of 1912 . . . . .	\$3,697 62
Balance used for Town purposes . . . . .	\$124,111 82
 Rate of taxation \$18.70 per \$1,000	
Total number of persons assessed on property . . . . .	1875
Total number of persons assessed on polls only . . . . .	1130
<hr/>	
Total number of separate assessments . . . . .	3005
Total number of polls April 1, 1913 . . . . .	1953
Number of polls added since . . . . .	8
<hr/>	
Total number assessed . . . . .	1961
Increase of polls over 1912 . . . . .	78
Number of horses . . . . .	305
Number of cows . . . . .	293
Number of neat cattle . . . . .	58
Number of sheep . . . . .	5
Number of swine . . . . .	93
Number of fowls . . . . .	15,048
Number of dwellings . . . . .	1503
Number of new dwellings . . . . .	58
Number of acres of land . . . . .	5734

## ASSESSORS' REPORT ON THE SURVEY OF LAND UNDER THE BLOCK SYSTEM

During the past year we had surveyed 15 plots or blocks of land divided up into 473 separate lots. This with the previous survey of 15 plots makes a total of 1128 separate lots of land situated as follows :

- Plot 1—West of Reading Square, between Haven and Wo-  
burn streets, to Linden street.
- Plot 2—South of Haven street and west of Main street to  
B. & M. R. R.
- Plot 3—North of Green street to Pleasant street, east of  
Main street to John street.
- Plot 4—North of Pleasant street to Salem street, east of  
Main street to John street.
- Plot 5—North of Salem street to Charles street, east of  
Main street to Pearl street.
- Plot 6—East of Main street, including parts of Charles,  
Harrison and Pearl streets.
- Plot 7—North of Mt. Vernon street to Middlesex avenue,  
east of Kingston street to Lowell street.
- Plot 8—West of Kingston street to School street, south of  
Middlesex avenue.
- Plot 9—West of School street to High street, south of Mid-  
dlesex avenue.
- Plot 10—North of Haven street, vicinity of B. & M. R. R.  
station.
- Plot 11—South of Prescott street to Warren avenue, west of  
B. & M. R. R.
- Plot 12—Sunnyside Land, C. S. Pratt's, south of Prescott  
street.
- Plot 13—North of Prescott street, west of Arlington street.
- Plot 14—North of Prescott street to Temple street, east of  
Summer avenue.
- Plot 15—South of Prescott street, east of Summer avenue.
- Plot 16—North of Middlesex avenue, east of Bancroft ave.

Plot 17—South of Salem street to Pleasant street, easterly to Eaton street.

Plot 18—North of Avon street, between Minot street and Ash street.

Plot 19—South of Mineral street, B. & M. R. R., west of High street.

Plot 20—South of Washington street on Main street, Sweetser Homestead.

Plot 21—South of Woburn street to Howard street on West street, east of West street.

Plot 22—North of Woburn street to King street, west of Summer avenue to West street.

Plot 23—North of Temple street to King street, east of Summer avenue.

Plot 24—West of High street to Temple street, north of No. 1 Washington street.

Plot 25—North of King street to Mineral street, east of Summer avenue to Hancock street extension.

Plot 26—North of Mineral street to Woodbine street, east of Summer avenue to Hancock street.

Plot 27—North of Howard street to Woburn street, Perkins estate, etc.

Plot 28—North of Oak street to Howard street, east of West street to Sigsbee avenue, Scotland.

Plot 29—North of Oak street to Howard street, Scotland road, etc., Scotland.

Plot 30—North of Oak street to Howard street, west of Summer avenue, Scotland.

The Town has appropriated . . . . .	\$1,500 00
Of which there has been expended . . . . .	1,485 39

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Leaving a balance on hand Dec. 31, 1913, of . . . \$14 61

We recommend that the sum of \$500 be raised and appropriated to continue this work the coming year.

We invite inspection of our work by any citizen or citizens who are interested.

MILLARD F. CHARLES,  
ALVAH W. CLARK,  
GEORGE E. HORROCKS,

Board of Assessors.

## REPORT OF CHIEF OF POLICE

---

TO THE HONORABLE BOARD OF SELECTMEN:

I herewith submit the annual report of the Police Department for the year ending December 31, 1913.

### ARRESTS FOR THE YEAR 1913

Total number of arrests	117
Males	113
Females	4
Residents	64
Non-residents	53
American born	89
Foreign born	28
Adults	86
Minors	31

### CAUSES OF ARREST

Assault	16
Adultery	2
Breaking and entering	5
Attempt to break and enter	1
Caption	2
Carnal knowledge	1
Concealed weapon	1
Drunkenness	50
Disturbing the peace	5
Delinquent children	5
Disturbance on car	1
Deserter from Army	1



Escaped from institutions . . . . .	4
Insane committed . . . . .	4
Idle and disorderly . . . . .	1
Larceny . . . . .	3
Maintaining liquor nuisance . . . . .	1
Non-support . . . . .	1
Placing obstruction on R. R. track . . . . .	1
Safe keeping . . . . .	1
Stubborn child . . . . .	1
Throwing missiles . . . . .	1
Tramps . . . . .	5
Violating probation . . . . .	1
Vagrants . . . . .	1
Violating auto laws . . . . .	1
Walking on R. R. track . . . . .	1

## DISPOSITION OF CASES

Committed to House of Correction . . . . .	11
Committed to House of Correction (suspended) . . . . .	6
Committed to State Farm . . . . .	3
Committed to Lyman School . . . . .	1
Committed to Industrial School . . . . .	1
Danvers Insane Asylum . . . . .	4
Fined . . . . .	20
On file . . . . .	19
Released . . . . .	21
Held for grand jury . . . . .	4
Discharged . . . . .	6
On probation . . . . .	4
Continued . . . . .	4
Appealed . . . . .	1
Turned over to out of town officers . . . . .	11
Industrial School for Girls . . . . .	1
Total . . . . .	117

## MISCELLANEOUS

Cases investigated . . . . .	88
Buildings found unsecure . . . . .	133
Defects in sidewalks reported . . . . .	5
Dogs killed . . . . .	15
Disturbances quelled . . . . .	3
Lanterns placed in dangerous places . . . . .	5
Lights reported out . . . . .	16
Alarms given . . . . .	1
Search warrants served . . . . .	3
Vacant houses protected . . . . .	29
Amount of property stolen . . . . .	\$702 00
Amount of stolen property recovered . . . . .	301 00
Property recovered for out of town officers . . . . .	520 00
Fines imposed . . . . .	226 00
Fines collected from 1912 . . . . .	10 00
Fines due from 1913 . . . . .	5 00
Fines collected 1913, total . . . . .	161 00

## LIST OF PROPERTY IN CUSTODY OF DEPARTMENT

Two roll-top desks . . . . .	\$20 00
One table . . . . .	5 00
Five chairs . . . . .	6 50
Twelve helmets . . . . .	30 00
Fifteen regular police badges . . . . .	15 00
Eleven special police badges . . . . .	15 00
Eight belts . . . . .	9 00
Six pairs hand cuffs . . . . .	20 00
Three twisters . . . . .	3 00
Twenty billies . . . . .	17 00
Two stop watches . . . . .	14 00
One dark lantern . . . . .	1 50
One watchman's clock . . . . .	5 00
Six lockers . . . . .	30 00
One shot gun . . . . .	10 00
Four revolvers . . . . .	15 00

Four Colt automatic pistols . . . . .	\$52 00
Four holsters . . . . .	6 00
One auto trap . . . . .	14 00
One police telephone box . . . . .	12 00
One bulletin board . . . . .	6 00
One stretcher . . . . .	7 00
	<hr/>
	\$313 00

## ROSTER

### CHIEF

William E. Swain

### PATROLMEN

Jeremiah Cullinane      Oscar H. Low      George C. Stock

### SPECIALS

Ardene M. Allen	William C. McKinley
Edward L. Abbott	David J. Whelton
William C. Cram	Clement Gleason
T. J. Cullinane	Jesse N. Hutchinson
Samuel Brown	William Kidder
James W. Sias	William J. Murphy
William F. Welch	William H. Killam

## CHANGES DURING YEAR

January 31 John M. Cullinane died. April 5 Jeremiah Cullinane, Oscar H. Low and George C. Stock were appointed to regular force.



*In Memoriam*

JOHN M. CULLINANE

Appointed to the Force September 18, 1908

DIED JANUARY 31, 1913

## CONCLUSION

I desire at this time to thank the Honorable Board of Selectmen, the judges of our district court, our local press and all others who have assisted in any way in promoting the welfare of this department; also all members of the force for what they have done.

Respectfully yours,

WILLIAM E. SWAIN,  
Chief of Police.

Reading, Mass., Jan 1, 1914.

## REPORT OF SUPERINTENDENT OF STREETS

TO THE HONORABLE BOARD OF SELECTMEN :

I herewith submit a general summary of the work of the Highway Department for the past year. The open conditions of the winter left the streets of gravel construction in bad shape. After the spring cleaning process and some reshaping they were in fairly good condition the rest of the season. Owing to the changing conditions of traffic the streets in general are wearing out much faster than they can be repaired with the small appropriation allowed. I would suggest that your Honorable Board investigate the needs of a larger appropriation for construction work, also the need of a stone crusher and oiling machine.

### MAINTENANCE

Owing to the increasing demands on the maintenance account of this department there was considerable work which we were unable to do owing to the lack of funds. In order to reserve the surface of Salem street macadam your Superintendent had it treated with an application of Tarvia B, for the distance of one mile at a cost of \$360.00, which is chargeable to maintenance. It should be treated with another application this spring. The rest of the Town's macadam roads should be treated with a heavier oil than what has heretofore been used. All catch basins have been cleaned whenever needed and are in good condition for the winter. Considerable ditching has been done, but more should be done the coming season to prevent flooded streets. Small repairs have been made on a number of streets, gutters have been cleaned, grass cut wherever needed, and the

general routine work looked after to the best interest of everybody concerned. It seems to me it would be advisable for the town to furnish a conveyance for the use of this department as it takes considerable time to get from one job to another when this department has men working in different parts of the town.

## CONSTRUCTION

Considerable construction work has been done this year from the regular appropriation. 4500 square yards macadam bound with Tarvia and penetration method were laid on High and Haven streets at a cost of 45 cents per square yard; 700 square yards of tar macadam were laid on the east side of the square at a cost of 47 cents per square yard; 660 square yards of tar macadam were laid on Washington street at a cost of 43 cents per square yard; 1350 square yards of tar macadam were laid on Woburn street at a cost of 55 cents per square yard. The following work was done from special appropriations: gravel road on West street from the Jones farm to the Wilmington line—cost \$1000.00; gravel road on Haverhill street from North Reading line to short distance south of Franklin street—cost \$1000.00; Dudley street was laid out and constructed by this department at a cost of \$1200.00. A section of Lowell street was constructed of tar macadam, after much trouble owing to the changing of grades, from High street to opposite the C. M. Barrows estate. This work was done under direction of the State Highway Commission.

A drain was constructed at the corner of Pratt and Prescott streets at a cost of \$350.00.

A 24 inch pipe was laid in the open ditch from Gould street to property of David Whelton at a cost of \$582.70 which completes the covering in of this ditch.

Gravel grading was done on High, Willow, Woburn streets, and Hill Crest Road. I would recommend that the construction work on High, Haven, Woburn, West, Haver-



hill and Lowell streets be continued this year. Reading Square, Woburn street to B. & M. crossing, Prescott street, Summer avenue, Prospect, Berkley, Temple and Lincoln streets are some of the streets that need attention as soon as possible.

### SIDEWALKS

Some of the concrete sidewalks are in bad shape and should be repaired this year to save expense later. Gravel was used on sidewalks on 32 different streets. A new sidewalk was constructed on South Main street from South street to the Stoneham line, which will require about \$100 to complete. I would recommend an appropriation for concrete repair work.

### STREET CLEANING

Besides the general cleaning of the streets and gutters, the Square and upper Haven street have been kept as clean as possible by the use of a push-cart, and I would recommend the use of another push-cart on lower Haven street and streets near the depot.

### DUST NUISANCE

About 26,000 gallons of oil have been used in addition to the use of water. The purchase of a sweeper has worked to good advantage in the process of applying oil. Owing to the increased price of oil, the applied cost this year was about .018 per square yard road surface. I would recommend that a heavy oil be used on the macadam roads and such gravel roads as are in condition to receive it.

### SNOW REMOVAL

There was very little snow the past winter and no serious trouble was caused by it.

## GUIDE POSTS AND STREET SIGNS

Street signs are needed on about all streets. Guide posts or suitable substitutes are maintained at the following locations :

- Corner Walnut and South streets
- “ Walnut street and Summer avenue
- “ Main street and Summer avenue
- “ Woburn street and Summer avenue
- “ West street and Summer avenue (3)
- “ West and Woburn streets (2)
- “ Lowell and Willow streets (2)
- “ Lowell and High streets
- “ Lowell street and Middlesex avenue
- “ Grove and Franklin streets (2)
- “ Main and Franklin streets
- “ Mill and Short streets
- “ Franklin and Haverhill streets (2)
- “ Charles and Haverhill streets (2)
- “ Haverhill and Pine streets
- “ Pine and Salem streets
- “ Charles and Pearl streets
- “ Charles and Main streets (2)
- “ Main and Pearl streets
- “ Main and Salem streets
- “ Woburn and Lowell streets (2)
- “ Salem and Harnden streets
- “ Main and Pleasant streets
- “ Pleasant and Parker streets
- “ Haven and Village streets
- “ Main and Ash streets (2)
- “ Salem and Lowell streets
- “ Harnden street near Pleasant street
- “ Main street on Common

## SCHEDULE OF PROPERTY OF HIGHWAY DEPARTMENT

Steam roller . . . . .	\$2,500 00
13 snow plows . . . . .	400 00
2 road machines . . . . .	250 00
Street sweeper . . . . .	250 00
2 derricks . . . . .	25 00
Miscellaneous lot of tools . . . . .	240 00
	<hr/>
	\$3,665 00
Tool house . . . . .	500 00
	<hr/>
	\$4,165 00

## GENERAL EXPENSES

Street cleaning . . . . .	\$1,515 91
Construction . . . . .	4,631 45
Maintenance . . . . .	3,704 54
Snow and ice . . . . .	103 57
Salary Superintendent . . . . .	914 55
Unexpended . . . . .	13 60

For itemized account I would refer you to the Town Accountant's report. In conclusion, I desire to thank the Board of Selectmen for their very kind and helpful advice and suggestions, and to thank the employes for their interest in the work.

Respectfully submitted,

E. H. CROWE,  
Superintendent of Streets.

## REPORT OF INSPECTOR OF WIRES

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TO THE HONORABLE BOARD OF SELECTMEN :

Gentlemen:—I herewith submit the annual report of the Inspector of Wires for the year ending Dec. 31, 1913.

### INTERIOR WIRING FOR LIGHT, HEAT AND POWER

Number of buildings in process of construction which have been wired . . . . .	47
Number of old buildings wired . . . . .	46
Number of buildings which have been rewired or in which additional wiring has been installed . . .	51
Number of inspection notices received from electrical contractors . . . . .	144
Total number of inspections made . . . . .	173

In most cases the electrical contractors have been prompt to make such changes as have been recommended, in order that the wiring shall conform with the requirements of the New England Insurance Exchange.

Respectfully submitted,

J. W. SIAS,

Inspector of Wires.

Reading, Mass., Jan. 27, 1914.

## REPORT OF SUPERINTENDENT OF FIRE ALARM

---

TO THE HONORABLE BOARD OF ENGINEERS:

I herewith submit the following report:

During the year the following changes have been made:

A new box, No. 31, has been installed on Lowell street, north of Grove street.

The battery room has been moved from the second floor to a new room in the attic built for that purpose. A tapper has been installed in the sleeping room of the permanent men.

I have replaced about four miles of old wire with new. There yet is eight or ten miles of old wire that should be replaced with new. This wire has been in use a long time and was not of the best quality when put up. The line from Main street across the field to the pumping station should be rebuilt.

There are a number of the boxes in which the contacts have become brittle with age and must be changed.

A punching register has been installed at the Central Fire Station that will register the box number by punching holes in a paper tape.

The fire system consists of one five circuit Stevens repeater with four circuits in commission, one five circuit switch board to change the four circuits into one. One five circuit charging switch board, with amplifier and vault meters for controlling the railroad current that charges 160 storage batteries which furnish electricity which operates the system.

## REPORT OF BOARD OF ENGINEERS

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TO THE HONORABLE BOARD OF SELECTMEN:

Gentlemen — The annual report of the Board of Fire Engineers is herewith presented, giving the record of fires that have occurred during the year ending the 31st of December, 1913, together with such information as we think may be of interest to the Town.

### COMMITTEE ON AUTO COMBINATION

The Committee on Auto Combination, which includes the Board, have carried out the instructions of the Town, purchasing a Triple Combination Auto, placing same in commission the 11th of November, 1913, transferring battery room from second floor to third floor of Town Building, appointing two permanent men, remodeling room to accommodate same, and reducing force to twenty-eight call men and two permanent men, which with the three engineers makes a total force of thirty-three men.

The apparatus of Hose 3, 4, 5 and Hose Houses 3, 4, have been turned over to the Forest Fire Wardens, who may have the use of the same under the supervision of the Chief Engineer. Above companies have been disbanded in process of reducing force.

### AUTO COMBINATION

The new and first piece of auto fire apparatus has been in commission about two months. While we have had only a limited experience with it, we feel that it will be a very valuable addition to the department.

## FINANCES

Our financial transactions are all embodied in the report of the Town Accountant to which we would respectfully refer you for any information you may desire in that line.

## REPAIRS ON PROPERTY

Necessary repairs have been made on buildings. The Hancock Engine House, occupied by Hose 2, has been newly shingled; new roofing has been laid on the extension shed of the room occupied by Hook and Ladder No. 1, also a new fence has been built on the line between Hose 4 house and Mr. Ells' house.

## FIRE ALARM

Our Fire Alarm System is not in the best condition and we feel we ought, in order to give the Town the service to which it is entitled, to spend about \$400 to put the system in first-class shape.

## ADVANCEMENT

We have found it necessary in keeping with the advance and increasing efficiency of the department to install a new Tape Indicator at a cost of \$125, also a sliding pole.

## RECOMMENDATIONS

We would respectfully recommend the immediate installation of a Repeating Box; also the purchase of 1000 feet of 2 1/2 inch regulation fire hose. We would recommend for your consideration the advisability of purchasing an Auto Tractor to be used on Hook and Ladder truck.

## CONCLUSION

In conclusion, we wish to extend to your Honorable Board and to the Finance Committee our thanks for the courtesies and co-operation which we have received during the year. We wish to compliment the officers and members



of the department on the prompt and efficient manner in which they have performed their duties. We also wish to express our thanks to the Bay State Railway Company for the use of current, and to the Chief of Police for services rendered by his department at fires.

Respectfully submitted,

O. O. ORDWAY, Chief,  
LUKE McKENNEY,  
FRANK E. GRAY, Sec'y,  
Board of Engineers.

# DETAILED STATEMENT OF FIRES FOR THE YEAR 1913

Date	Box	Time	Owner	Occupant	Loss on Building	Ins. on Building	Ins. Paid	Loss on Cont' 'Us	Ins. on Cont' 'Us	Total Ins. P'd	Cause
Jan. 3	Still	7:20 p m	W. A. Bancroft	W. A. Bancroft	Slight						Chimney
Jan. 20	38	7:20 p m									False
Jan. 25	Still										Auto
Feb. 4	62		Masonic Block								Hot ashes
Feb. 10	Still	9:30 a m	Jenny Bosson	Mrs. Hatch							Chimney
Feb. 17	Still	11:00 a m	Golf Club	Golf Club							Chimney
Feb. 22	62	11:00 a m	H. B. Howard	E. C. Metcalf and others	\$5500 00	\$10,500 00	\$2965 00	\$4320 00	12450 00	7830 00	Steam pipes
Mar. 18	69	2:25 p m									Grass
Mar. 19	29	12:30 p m									Grass
Mar. 22	45	4:40 p m									Grass
Mar. 23	Still	6:00 p m									Grass
Mar. 26	Still	10:00 a m	Mrs. Nokes	Nokes' Stable							Chimney
Apr. 9	47	1:40 a m	Frank T. Lewis	Frank T. Lewis	35 00	1500 00	35 00	5 00	1500 00	35 90	Hot ashes
Apr. 21	28	9:55 a m									Brush
Apr. 24	Still	8:30 p m	E. L. Chamberlain	E. L. Chamberlain							Rubbish
May 3	212	12:55 p m									Grass
May 15	21	8:30 p m									False
May 18	68	4:53 p m	R. C. Totten Estate	H. E. Steinhour	800 00	800 00	650 00	900 00	None	650 00	Vulcanizing machine
May 30	21	3:45 p m									False
June 28	46	2:45 p m									False
June 28	64	8:50 p m	Lowell St. Bridge								Sparks
July 3	41	11:45 p m	A. M. Allen								Unknown
July 4	Still	12:05 a m									Incendiary
July 4	Still	12:40 a m									Incendiary
July 4	25	3:10 p m									Grass
July 4	41	7:45 a m	A. M. Allen		Slight						Incendiary
July 12	33	2:35 p m									Brush
July 14	Still	2:44 p m									Brush
July 22	27	8:55 p m	Mellen Estate								False
July 25	68	1:35 p m		Purvis' Bakery	22 00	Blanket	22 00			22 00	Combustible
Aug. 2	13	3:42 a m	O. P. Symonds & Sons	O. P. Symonds & Sons	800 00	Blanket				300 00	Lightning

[illegible]

## REPORT OF SEALER OF WEIGHTS AND MEASURES

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TO THE HONORABLE BOARD OF SELECTMEN:

Gentlemen—I submit the following report as Sealer of Weights and Measures for the year ending December 31, 1913:

	ADJ.	SEALED	CS.	TOTAL
No. of scales over 5,000 lbs. . . . .	3			
No. of scales under 5,000 lbs. . . . .	2	30		
No. of small scales . . . . .	28	27		
No. of computing scales . . . . .	3	10		
No. of pan scales . . . . .	5	11	1	
No. of family scales . . . . .		2		
No. of ice scales . . . . .	3	3		
No. of slot weighing scales . . . . .	3	1		
No. of weights . . . . .	107	212		
No. of steel yards . . . . .		3		
No. of balances . . . . .		5		
No. of wet measures . . . . .	1	48	1	
No. of dry measures . . . . .	1	5		
No. of yard sticks . . . . .		11	1	
No. of milk and cream jars . . . . .		100		
No. of gasolene pumps . . . . .		3		
No. of oil pumps . . . . .	6	2		
No. of molasses guages . . . . .		1		
	162	474	3	639

Weighings of bundled hay. Coal.

Inspections of junk and pedlar's wagons, 30.

Coal weighings, 6.

Money received for sealing, \$34.30.

Working equipment same as last year with the exception of a pair of Fairbanks Platform Scales No. 1128, capacity 600 lbs., which have been a great help.

This year the work of the Sealer will be greatly increased as all graduates and scales at the drug stores must be sealed.

Respectfully submitted,

FRANK W. PARKER,

Sealer of Weights and Measures.

## REPORT OF INSPECTOR OF ANIMALS

---

TO THE HONORABLE BOARD OF SELECTMEN :

Dear Sirs—I herewith submit my report as Inspector of Animals for the year of 1913. During the early part of the year I received order to make the annual tour of inspection for the purpose of ascertaining the conditions of health and sanitation under which our food supply (especially milk) is obtained and cared for prior to shipment. I visited every stable where cattle are kept and reported conditions as found regarding health of animals, ventilation, light, space, cleanliness, drainage, etc. With very few exceptions things were found satisfactory, and where they were not suggestions were made and a second visit later to see that they were carried out. In one instance a third visit had to be made before a satisfactory report could be returned. This instance, however, proves an exception and was no doubt due to lack of interest on the part of the owner who sold no milk and thought it good enough. He, however, did make the desired changes and conditions are very satisfactory at present.

The milk supply of our town I think is as good and in fact better than that of most towns as it is mostly of home production by citizens of the town who are hardly getting a dollar for the odd one spent, considering the present price of grain and feed. I can only state, as often before, that milk produced and handled under such conditions as most of ours is, ought not to be sold for less than ten or even twelve cents a quart and when food value be taken into consideration it is worth much more. It costs at the present

time more than five cents to produce a quart of milk, to say nothing of the care, handling, delivering, etc., which is certainly more than half. We are all very anxious for the goods and ought to be just as anxious to settle.

While at present much anxiety is felt on account of rabies having made an appearance, we hope no ill effect will result. If those who own dogs could be taught to notice a dog acting strangely and confine him somewhere, if possible, and notify the police or me, I will then examine them. Most rabid dogs run with a funny gait, head down, mouth partly open, eyes staring, bark hoarse or high pitched, a sort of howl, sometimes saliva running from the half open mouth. The walk or trot is the most characteristic, a languid, tired, almost unsteady gait. While within the next few weeks when all is excitement many will think all dogs act strangely. I trust that if anyone sees a strange dog acting unsteady on his legs, head down, apparently listless and wandering he will not hesitate to call me.

While much uneasiness is felt by some on account of the drinking fountains being closed, it is the best interest toward all which prompts it. Glanders being prevalent at this time in cities and towns about here and cases having been found in town, it was thought best to close sources of possible infection and keep them closed until apparent dangers are past. Here, also, is a place where all interested in the welfare of our humble friend the horse can lend a helping hand. If you know of a suspicious case of either Glanders or Farcey let me know at once and I will do the rest.

Trusting my report may be enlightening to some and misleading to none, I remain

Yours very truly,

C. H. PLAYDON, M. D. V.

Inspector of Animals.



## REPORT OF FOREST WARDEN

---

TO THE HONORABLE BOARD OF SELECTMEN OF READING :

Gentlemen — I have the honor of submitting to you the annual report of the Forest Ward Department for the year ending Dec. 31, 1913.

This department consists of a Forest Warden and five deputies. Four of the deputies are stationed on the outskirts of the town and one on Auburn street, which is considered a dangerous section.

Calls from Lookout station . . .	11
Calls for grass and brush fires . .	28
Applications for permits . . .	153
Permits issued . . . . .	149

All fires have been investigated and reports promptly forwarded to the State Forester.

The State Forester recommended that the Forest Wardens be appointed earlier in the year than has been the custom as it enables the department to become thoroughly organized before the early spring fires. For this reason the appointments are made in this department December 31 instead of March 1.

I would recommend the purchase of twelve fire extinguishers, as they are more efficient and economical. One man with an extinguisher can do more work than several with pumps and brooms.

The Fire Department has turned over to this department three hose wagons and two fire houses which will add

about one hundred dollars more to the expense account of this department, but I think it is money well spent, as it keeps these wagons in commission and they will be loaded so that they can be used at any time in case of emergency by the Fire Department.

H. E. McINTIRE,  
Forest Warden.

## REPORT OF CEMETERY TRUSTEES

---

TO THE HONORABLE BOARD OF SELECTMEN AND CITIZENS OF  
READING :

The Trustees submit the following report:—

We feel we need not make any extended report as to the care of the cemetery, only to say that its general appearance speaks for itself.

It has been our aim and effort to make it as near a garden spot as possible with what we are given to do with, and we know that something has been done every season to make it more beautiful.

The present Superintendent, having had charge some twenty years, can look back and see when it seemed more like a pasture than a cemetery: when the grass was rarely cut only by a few people. Now almost every one owning a lot has become interested to see that their part is kept looking well.

He has wondered many times why people of means did not do something in the way of bequests to help the good work along, and is glad to note that this year one good man who has passed along (Mr. George Buck) has left a donation for additional signs for avenues and paths, the first of which he has any remembrance in all these years, and he trusts this good example will be followed by others.

We ask for twelve hundred dollars for the general care of the cemetery this year, as we found we were fully one hundred dollars shy in finishing the fall work. If we do not have funds enough to finish the raking of the leaves and

they are allowed to lay until spring, they become imbedded in the ground to a certain extent and it takes double the time to do the same work, thus adding much to the expense. Will the Finance Committee kindly take note of this fact?

With the special appropriation given us we have added quite an extension to our water service, which lot owners will be much pleased with, and we hope in time to make more so that all will be able to get water without carrying it a long distance as heretofore.

We have also in process of erection a strong iron fence along the western boundary, from the land of Mrs. Barr to the line of the late Rev. Dr. Barrows, which will be finished early in the spring. The cold weather came on too quickly to finish it this fall.

Under the report of the Town Accountant you will find our financial report, which we feel no other department excels.

Very respectfully,

A. W. DANFORTH,  
Superintendent and Secretary.

## REPORT OF BOARD OF HEALTH

TO THE CITIZENS :

Number of cases of contagious diseases reported, 242.

Scarlet Fever . . . . .	14	No deaths
Measles . . . . .	209	No deaths
Diphtheria . . . . .	9	No deaths
Infantile Paralysis . . . . .	4	No deaths
Tuberculosis . . . . .	5	5 deaths
Cerebro Spinal Meningitis . . . . .	1	1 death

Total number of deaths from all causes, exclusive of still births . . . . .

Males . . . . .	77
Females . . . . .	32
Still births . . . . .	45
	7

	Total	Male	Female
Deaths under 1 year of age . . . . .	4	2	2
“ between 1 and 2 years . . . . .	0	0	0
“ between 2 and 3 years . . . . .	0	0	0
“ between 3 and 4 years . . . . .	0	0	0
“ between 4 and 5 years . . . . .	1	1	0
“ between 5 and 10 years . . . . .	1	1	0
“ between 10 and 15 years . . . . .	1	0	1
“ between 15 and 20 years . . . . .	1	0	1
“ between 20 and 30 years . . . . .	2	0	2
“ between 30 and 40 years . . . . .	3	2	1
“ between 40 and 50 years . . . . .	7	3	4
“ between 50 and 60 years . . . . .	12	4	8
“ between 60 and 70 years . . . . .	14	9	5
“ between 70 and 80 years . . . . .	13	3	10
“ over 80 . . . . .	18	7	11
	77	32	45

## DEATHS BY MONTHS

January . . .	10	July . . .	5
February . . .	8	August . . .	3
March . . .	6	September . . .	8
April . . .	4	October . . .	6
May . . .	9	November . . .	4
June . . .	9	December . . .	5

E. M. HALLIGAN, M.D.,

GEO. L. FLINT,

M. E. BRANDE,

Board of Health.

## REPORT OF INSPECTOR OF PLUMBING

---

TO THE BOARD OF HEALTH :

Gentlemen — The work of the Plumbing Department for the year ending Dec. 31, 1913, was as follows :

Permits granted . . . . .	108
New fixtures . . . . .	434
Closets . . . . .	110
Lavatories . . . . .	92
Bath tubs . . . . .	82
Sinks . . . . .	90
Wash trays . . . . .	60

Respectfully submitted,

DAVID TAGGART,  
Plumbing Inspector.



TWENTY - FOURTH  
**ANNUAL REPORT**

OF THE

**Water Commissioners**

**For the Year Ending December 31**

**1913**



## OFFICERS OF THE WATER DEPARTMENT

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### Commissioners

HENRY R. JOHNSON, Chairman	.	Term expires 1916
EDGAR N. HUNT	. . . .	Term expires 1915
ARCHER R. PRENTISS	. . . .	Term expires 1914

### Superintendent and Registrar

LEWIS M. BANCROFT

### Superintendent of Pumping Station

FRANK F. STROUT

### Fireman

GROVER EATON

---

OFFICE OF THE WATER BOARD

Room 2, Masonic Block

---

### OFFICE HOURS

8.30 to 11 A. M., 2.30 to 4 P. M., except Saturday

Saturday, 8.30 A. M. to 12 M., 7.30 to 9 P. M.

## REPORT OF THE WATER COMMISSIONERS

### TO THE CITIZENS OF READING :

The Board of Water Commissioners herewith submit their twenty-fourth annual report :

### MAINTENANCE

Received rent . . . . .	\$81 00
Fines and summons . . . . .	13 60
Sundries . . . . .	4 67
Paid pay roll . . . . .	\$1,660 04
Charles W. Abbott, P. M. . . . .	68 12
Reading Masonic Temple Corpora- tion, rent . . . . .	162 00
Reading Municipal Light Board, light . . . . .	12 59
N. E. Tel. & Tel. Co. . . . .	62 73
F. W. Sheppard . . . . .	3 00
Engineering Record . . . . .	3 00
Hobbs & Warren Co. . . . .	3 15
W. E. & J. F. Twombly . . . . .	52 55
S. D. Hicks & Son, tank . . . . .	15 00
Addressograph Co. . . . .	8 00
Municipal Light Board, Addresso- graph . . . . .	35 00
Liability Insurance . . . . .	71 25
Commissioners' salaries . . . . .	225 00
M. F. Charles, repairing clocks . . . . .	1 50
Engineering News . . . . .	5 00
American Express Co. . . . .	25

Car fares . . . . .	\$55 96	
Thorpe & Martin Co. . . . .	1 25	
F. W. Barry, Beal & Co. . . . .	4 38	
Legislative Bulletin . . . . .	2 00	
Balance . . . . .		2,352 50
	<hr/>	<hr/>
	\$2,451 77	\$2,451 77

## MAINTENANCE OF PUMPING STATION

Received rent of house . . . . .		\$180 00
Paid pay roll . . . . .	\$1,622 40	
P. N. Sweetser, teaming . . . . .	219 41	
Eagle Oil & Supply Co., packing . . . . .	131 87	
Hobbs & Warren Co. . . . .	50	
Cummings Express . . . . .	1 25	
Boston & Maine R. R., freight . . . . .	160 82	
H. R. Johnson, labor . . . . .	8 04	
W. J. Carroll, labor . . . . .	9 20	
N. E. Fire Cement Co. . . . .	5 55	
N. E. Coal & Coke Co. . . . .	260 23	
Braman, Dow & Co., fittings . . . . .	3 47	
Jos. Breck & Sons Inc. . . . .	1 25	
Maryland Coal & Coke Co., coal . . . . .	203 18	
Francis Bros. . . . .	2 34	
Bader Coal Co., coal . . . . .	222 60	
E. C. Hanscom, teaming . . . . .	7 88	
G. F. McDonald, team . . . . .	3 00	
Pyrene Co. of N. E., extinguisher . . . . .	8 00	
Town of North Reading, taxes . . . . .	1 90	
Chandler & Farquhar, tools . . . . .	3 30	
Car fares . . . . .	1 20	
Hoffman & Maurer, repairing thermometer . . . . .	3 00	
Frank G. Nichols, tapper . . . . .	8 00	
E. C. Metcalf, duster . . . . .	2 71	
J. M. Maxwell, Jr., wiring . . . . .	8 54	
O. O. Ordway . . . . .	50	

M. F. Charles, repairing clock . . . . .	\$1 50	
E. W. Hatch, repairing pumps . . . . .	19 55	
Blake & Knowles Steam Pump Works . . . . .	2 53	
Reading Municipal Light Board . . . . .	21 68	
N. E. Tel. & Tel. Co. . . . .	49 75	
Balance . . . . .		2,816 19
	<hr/>	<hr/>
	\$2,996 19	\$2,996 19

## MAINTENANCE OF FILTERS

Paid pay roll . . . . .	\$1,374 68	
General Chemical Co., alumina . . . . .	350 34	
Eagle Oil & Supply Co. . . . .	32 08	
Eastern Clay Goods Co., lime . . . . .	92 00	
Lawrence Machine Co., pump . . . . .	32 00	
J. A. & W. Bird & Co., acid . . . . .	4 54	
American Express Co. . . . .	1 20	
Chapman Valve Mfg. Co., valve . . . . .	5 09	
Boston Coupling Co. . . . .	5 55	
Robert Spurr Weston, chemicals . . . . .	5 00	
Braman, Dow & Co. . . . .	3 33	
Harrison Bros. Co., alumina . . . . .	490 79	
Norwood Engineering Co., ejector . . . . .	46 70	
Morse Chain Co. . . . .	99 50	
Cummings Express . . . . .	22 25	
P. N. Sweetser, teaming . . . . .	43 88	
W. Bancroft & Co., lumber . . . . .	14 15	
Lead Lined Iron Pipe Co., lining tank . . . . .	5 00	
Boston & Maine R. R., freight . . . . .	206 63	
Reading Municipal Light Board . . . . .	304 20	
E. C. Hanscom, teaming . . . . .	7 00	
W. B. Fonda, lime . . . . .	135 00	
Whitall, Tatum Co. . . . .	3 27	
Dodge, Haley Co. . . . .	48	
Car fares . . . . .	1 60	
	<hr/>	\$3,286 26

## MAINTENANCE OF METERS

Paid pay roll . . . . .	\$547 25	
National Meter Co., repairs . .	127 58	
American Express Co. . . . .	50	
Boston Bolt & Iron Co., bolts .	8 32	
G. F. McDonald, horse hire . .	4 50	
Cummings Express . . . . .	1 20	
Hersey Mfg. Co., repairs . . .	15 12	
Boston & Maine R. R., freight .	1 20	
Batteries and lamps . . . . .	5 25	
	<hr/>	\$710 92

## MAINTENANCE OF SERVICE PIPES

Paid pay roll . . . . .	\$5 75	
Walworth Mfg. Co. . . . .	2 30	
	<hr/>	\$8 05

## MAINTENANCE OF MAIN PIPE

Paid pay roll . . . . .	\$25 25	
Ludlow Valve Mfg. Co. . . . .	1 80	
G. F. McDonald, horse hire . .	6 00	
	<hr/>	\$33 05

## LOWERING PIPE, LOWELL STREET

Paid pay roll . . . . .	\$95 00
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## INTEREST

Received interest on deposits and bonds	\$63 16	
Hydrant rent . . . . .	5,640 00	
Water for drinking fountains .	300 00	
Water for street sprinkling . .	300 00	
From receipts for water . . . .	736 84	
Paid interest on bonds . . . . .	\$7,040 00	
	<hr/>	
	\$7,040 00	\$7,040 00



## PAINTING STAND PIPE

Paid pay roll . . . . .	\$345 00	
Municipal Light Board . . . .	48 34	
	<hr/>	\$393 34

## SERVICE PIPES

Received for pipe laid . . . . .		\$1,159 28
Paid pay roll . . . . .	\$2,518 57	
Tenney, Morse & Co., pipe . . .	87 56	
Eagle Oil & Supply Co., tools . .	18 75	
Braman, Dow & Co., pipe . . .	607 52	
H. Mueller Mfg. Co., fittings . .	153 63	
Lead Lined Iron Pipe Co., pipe . .	744 86	
Chapman Valve Mfg. Co., valves . .	23 86	
Chadwick-Boston Lead Co., pipe . .	6 54	
Priest, Page & Co., drills . . .	5 18	
Cummings Express . . . . .	6 65	
E. W. Nash Co. . . . .	6 60	
Ludlow Valve Mfg. Co., valves . .	8 08	
Harold L. Bond Co., tools . . .	163 13	
Geo. E. Gilchrist Co., fittings . .	10 35	
American Express . . . . .	3 70	
American Powder Mills . . . .	65 87	
Grip Coupling Co. . . . .	13 26	
Harrington, King Co., canvas . .	31 50	
Liability Insurance . . . . .	146 85	
Francis Bros. . . . .	5 83	
Wendell Bancroft & Co. . . . .	65	
R. B. Field & Co., washers . . .	1 47	
A. D. Gordon, rubber boots . . .	18 00	
O. O. Ordway, sharpening tools . .	62 45	
Boston & Maine R. R., freight . .	15 75	
G. F. McDonald, horse hire . . .	223 50	
Walworth Mfg. Co. . . . .	58 81	
E. M. Dart Mfg. Co. . . . .	40 57	
Car fares . . . . .	4 75	

Killorin Contracting Co., explo-		
sives . . . . .	\$ 60	
Balance . . . . .		\$3,895 56
	<hr/>	<hr/>
	\$5,054 84	\$5,054 84

## MAIN PIPE

Paid pay roll . . . . .	\$512 54	
Chas. Millar & Sons Co., pipe .	420 19	
Chapman Valve Mfg. Co., hydrants	60 72	
Chadwick-Boston Lead Co., lead .	29 50	
Boston & Maine R. R. . . . .	1 60	
G. F. McDonald, horse hire . .	39 00	
Malden & Melrose Gas Light Co.,		
ledge work . . . . .	400 00	
E. C. Hanscom, teaming . . . .	10 00	
Union Safe Deposit Vaults . . .	10 00	
Builders Iron Foundry . . . . .	4 05	
O. O. Ordway, sharpening tools .	13 85	
	<hr/>	\$1,501 45

## METERS

Paid National Meter Co. . . . .	\$504 60	
L. H. Shattuck, meter . . . . .	10 00	
Cummings Express . . . . .	2 15	
H. Mueller Mfg. Co., fittings . .	18 28	
Hersey Mfg. Co., meters . . . .	80 00	
Pittsburg Meter Co., meters . .	50 00	
R. B. Field & Co., washers . . .	2 45	
American Express Co. . . . .	70	
	<hr/>	\$668 18

## SUMMARY OF RECEIPTS AND EXPENDITURES

Cash balance from 1912 . . . . .	\$100 50
Bonds sold . . . . .	1,016 25
Office rent and sundries . . . . .	99 27
House rent . . . . .	180 00

Interest on deposits and bonds . . . . .	63 16	
Service pipes . . . . .	1,159 28	
Meter rates . . . . .	17,755 82	
Hydrant rent . . . . .	5,640 00	
Water for street sprinkling . . . . .	300 00	
Water for drinking fountains . . . . .	300 00	
Appropriation . . . . .	2,000 00	
Paid Maintenance . . . . .	\$2,451 77	
Pumping Station maintenance . . . . .	2,996 19	
Filter maintenance . . . . .	3,286 26	
Meter maintenance . . . . .	710 92	
Service pipe maintenance . . . . .	8 05	
Main pipe maintenance . . . . .	33 05	
Lowering pipe Lowell street . . . . .	95 00	
Painting stand pipe . . . . .	393 34	
Main pipe . . . . .	1,501 45	
Service pipe . . . . .	5,054 84	
Meters . . . . .	668 18	
Interest . . . . .	7,040 00	
Bonds . . . . .	3,000 00	
Cash on hand . . . . .	1,375 23	
		\$28,614 28 \$28,614 28

## COST OF PLANT

Reported last year . . . . .	\$342,885 56
Main pipe . . . . .	1,001 45
Service pipe . . . . .	3,895 56
Meters . . . . .	668 18
	\$348,450 75

The Board recommends that \$5,730 be raised and appropriated for hydrant rental, that \$300 be raised and appropriated for water for drinking fountains, and that \$500 be raised and appropriated for water for street sprinkling.

The interest payable the current year amounts to \$6,760.00 as follows:

\$165,000 bonds for 12 months	.	\$6,600 00
8,000 bonds for 6 months	.	160 00
		<hr/>
		\$6,760 00

We would recommend that the pipe line on Main street be extended to the Stoneham line to connect with their system as sure safety in case of any emergency that might arise, that is provided such arrangement can be made with the proper authorities.

We are of the opinion that steps should be taken in the near future to increase our water supply at the pumping station.

HENRY R. JOHNSON  
 ARCHER R. PRENTISS  
 EDGAR N. HUNT  
 Water Commissioners.

## REPORT OF WATER REGISTRAR

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Amount of bills rendered in 1913 . . . . .	\$18,000 55	
Amount collected and paid Treasurer	\$17,234 21	
Amount uncollected . . . . .	745 62	
Amount abated . . . . .	20 72	
	<hr/>	<hr/>
	\$18,000 55	\$18,000 55

Amount of 1912 bills uncollected . . . . .	\$663 52	
Amount of 1911 bills uncollected . . . . .	439 65	
Amount of bill recharged . . . . .	5 63	
Amount collected and paid Treasurer	\$521 61	
Amount uncollected . . . . .	454 95	
Amount abated . . . . .	132 24	
	<hr/>	<hr/>
	\$1,108 80	\$1,108 80

Amount of service pipe bills rendered in 1913 . . . . .	\$1,248 52	
Amount of service pipe bills rendered in previous years . . . . .	439 25	
Amount collected and paid Treasurer	\$1,159 28	
Amount uncollected . . . . .	514 12	
Amount charged off . . . . .	14 37	
	<hr/>	<hr/>
	\$1,687 77	\$1,687 77

LEWIS M. BANCROFT,  
Registrar.

## SUPERINTENDENT'S REPORT

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### READING WATER COMMISSIONERS:

Gentlemen -- The twenty-fourth annual report of the Superintendent is submitted for the year ending Dec. 31, 1913.

The extension of mains has been 1010 feet of six inch pipe, as follows: Prospect street, 60 feet; Main street, 439 feet; Fairview avenue, 60 feet; Forest street, 48 feet; Dudley street, 144 feet; Perkins avenue, 259 feet. One hydrant set on Main street.

A six inch plug in the main pipe on Pratt street blew out early in the morning of August 16, wasting about 100,000 gallons of water.

All hydrants have been examined and put in good repair.

### SERVICE PIPES

We have put in sixty services during the year, making fifteen hundred and five in the system.

Three service leaks have been repaired, two caused by electrolytic action.

### STAND PIPE

The stand pipe has been painted, the inside having two coats, one of Bitumastic Solution and one of Bitumastic Enamel applied hot. The outside had two coats of Bitumastic Solution.

### PUMPING STATION

One pump is now being overhauled and put in repair.

TABLE SHOWING AMOUNT OF SERVICE PIPE IN USE

	6 Inch Cast Iron	1½ Inch Galvanized	1½ Inch Enamelled	1½ Inch Brass	1½ Inch Galvanized	1 Inch Galvanized	1½ Inch Lead Lined	1½ Inch Lead Lined	1 Inch Lead Lined	¾ Inch Lead Lined	1 Inch Cement Lined	¾ Inch Cement Lined	2 Inch Galvanized	¾ Inch Galvanized	¾ Inch Lead
Owned by the Town	....	1430.5	33.7	30.1	24366.7	348.8	30.8	14.5	887.2	27926.6	367.1	9882.4	1619.7	2226.4	....
Owned by individuals	414	591.0	123.0	66.0	2685.7	2816.7	89.4	46.5	73.0	31775.2	78.0	12377.2	897.6	4221.5	53.0
	414	2021.5	156.7	96.1	27052.4	3165.5	120.2	60.0	960.2	59701.8	441.1	22259.6	2517.3	6447.9	53.0

KINDS AND SIZES OF METERS IN USE

No.	NAME	SIZES					
		2 in.	1½ in.	1¼ in.	1 in.	¾ in.	½ in.
84	Crown.....	4	1	.....	1	2	76
929	Nash.....		5	.....	7	5	912
198	Empire.....	1	.....	.....	.....	.....	197
1	Gem.....	1	.....	.....	.....	.....	.....
39	Lambert.....	.....	.....	.....	2	.....	37
11	Thompson.....	.....	.....	.....	1	.....	10
6	Worthington Disc.....	.....	.....	.....	.....	.....	6
139	Hersey Disc.....	1	7	.....	9	1	121
2	Neptune.....	.....	.....	.....	.....	.....	2
9	Union.....	3	1	.....	1	.....	4
5	King.....	.....	.....	.....	.....	.....	5
25	Columbia.....	.....	.....	.....	.....	.....	25
1	Niagara.....	.....	.....	.....	.....	.....	1
8	Keystone.....	.....	.....	7	.....	.....	1
1457		10	14	7	21	8	1397



## YEARLY RECORD OF PUMPING SERVICE

FROM JAN. 1, 1913, TO JAN. 1, 1914

MONTH	No. Days	Hrs.	Min.	Gallons Pumped	Total Head	Pounds Coal	Rain- fall
January .....	31	200	15	6,201,020	219	36,899	2.43
February .....	28	179	..	5,542,775	.....	36,093	2.64
March .....	31	202	..	6,387,356	.....	37,551	4.51
April .....	30	251	30	5,406,571	.....	38,177	3.76
May .....	31	292	45	7,945,937	.....	43,668	3.45
June .....	30	330	30	8,770,951	.....	44,396	0.93
July .....	31	411	30	9,883,917	.....	46,673	1.63
August .....	31	413	45	8,819,737	.....	42,245	3.48
September .....	30	290	30	7,131,305	.....	37,368	3.66
October .....	31	341	15	7,421,442	.....	42,667	7.56
November .....	30	720	..	8,159,746	.....	53,377	2.32
December .....	31	354	45	7,342,587	.....	45,733	3.24
	365	3,987	45	89,013,344	219	504,852	39.71

TABLE SHOWING CONSUMPTION IN GALLONS FOR VARIOUS  
PURPOSES, 1913

Domestic use, manufacturing and trade purposes, metered . . . . .	56,001,750
Domestic use unmetered (estimated) . . . . .	3,500,000
Drinking fountains (estimated) . . . . .	7,000,000
Street sprinkling (estimated) . . . . .	8,000,000
Total accounted for . . . . .	74,501,750
Amount unaccounted for . . . . .	14,511,594
Total pumped . . . . .	89,013,344
Percentage of water pumped accounted for . . . . .	.83
Percentage of water pumped unaccounted for . . . . .	.17
Percentage of water pumped metered . . . . .	.63

## COST OF MAINTENANCE AND REVENUE

	Amount	Cost per 1000 gallons pumped
Interest on bonds . . . .	\$7,940 00	.079
Management and repairs . .	3,592 86	.040
Pumping Station maintenance .	2,816 19	.032
Filter maintenance . . . .	3,286 26	.037
		Received per 1000 gallons pumped
Receipts from water takers . .	\$17,755 82	.199
Total receipts . . . . .	28,513 78	.32

TABLE SHOWING AMOUNT OF RAIN AND MELTED  
SNOW FOR YEAR ENDING DEC. 31, 1913

Day of Month	January	February	March	April	May	June	July	August	September	October	November	December	Day of Month
1 ...										.68			1
2 ...	.33							.31		1.33			2
3 ...	.19			.01						.16	.03		3
4 ...		.80	.04	.37				.38	1.70				4
5 ...			.20							.01			5
6 ...				.22						.01			6
7 ...	.76			.03								1.35	7
8 ...	.11					.15					.24	.01	8
9 ...					.01		.38			.03	.42		9
10 ...	.11		.25					.07		.04			10
11 ...				.97						.22			11
12 ...	.04	.21		.68			.06		.22	.40			12
13 ...			.11	.51			.05	.22					13
14 ...			.49							.84	.10		14
15 ...			.27		.23					.29			15
16 ...	.07	.02		.36	.11					.29	.07		16
17 ...	.06								.40				17
18 ...	.11			.11			.27		.01	.02			18
19 ...						.22			.53	.30	.19		19
20 ...	.21		.50			.48	.02		.13	1.20			20
21 ...			.05		.16		.03		.16				21
22 ...		.66		.15	.17			.30	.51				22
23 ...	.28		.05		1.58							1.06	23
24 ...					.18		.33			.33	.03		24
25 ...			.42		.06	.08				1.08		.63	25
26 ...			1.11							.27		.19	26
27 ...		.95	.84					.54					27
28 ...				.35			.53	.44		.03	.81		28
29 ...	.21				.90			1.21		.03	.39		29
30 ...			.06		.05		.01	.01			.04		30
31 ...			.12										31
	2.48	2.64	4.51	3.76	3.45	0.93	1.68	3.48	3.66	7.56	2.32	3.24	

The average rainfall for Massachusetts as deduced by the State Board of Health from long continued observations in various parts of the State is 44.78 inches. The rainfall at Reading Pumping Station in 1913 was 39.71 inches, making a deficiency of 5.07 inches. There was an excess of rainfall in the months of March, April, September and October of 4.66 inches, and a deficiency in the other eight months of 9.73 inches. The most of the excess occurred in October, 3.74 inches; the greatest deficiency occurred in June and July, amounting to 4.43 inches.

COMMONWEALTH OF MASSACHUSETTS — STATE BOARD OF HEALTH

# ANALYSIS OF WATER FROM READING WATER WORKS PARTS IN 100,000

No.	Date of		APPEARANCE			Residue on Evaporation	AMMONIA		Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron			
	Collec- tion	Date of	Turbidity	Sediment	Color		Free	Albu- mi- noid		Ni- trates	Ni- trites						
1913																	
405472	Jan. 21	Slight	Slight	Slight	.80	.0200	.0168	2.70	.0010	.0002	.76	4.9	.150	Filter Gallery			
405473	Jan. 21	None	None	None	.27	.0008	.0110	2.50	.0000	.0018	.36	9.4	.008	Filter Weir			
406045	Feb. 18	Slight	Considerable	Slight	.60	.0140	.0192	2.40	.0040	.0001	.65	2.5	.150	Filter Weir			
406046	Feb. 18	Slight	Slight	Slight	.22	.0010	.0110	2.30	.0080	.0034	.48	9.4	.040	Filter Weir			
406678	Mar. 18	Slight	Cons. iron	Cons. iron	.80	.0100	.0188	2.00	.0020	.0001	.67	2.2	.120	Filter Gallery			
407243	Apr. 15	Very slight	Cons. iron	Cons. iron	.80	.0144	.0161	1.65	.0010	.0000	.76	2.2	.140	Filter Gallery			
407244	Apr. 15	Very slight	Slight iron	Slight iron	.30	.0570	.0020	1.70	.0050	.0032	.42	13.4	.030	Filter Weir			
408481	June 17	Slight	Cons. iron	Cons. iron	Fill.	1.20	.0196	.0264	1.80	.0080	.0004	1.07	2.6	.160	Filter Gallery		
408482	Aug. 17	None	None	None	Fill.	.49	.0032	.0172	1.80	.0080	.0080	5.4	16.5	.006	Filter Weir		
410324	June 19	Decided. iron	Cons. iron	Cons. iron	Fill.	.60	.0120	.0240	.0191	.590	.0040	.0002	.50	2.9	.240	Filter Gallery	
4110325	Aug. 19	None	None	None	.25	.0008	.0116	5.20	.0140	.0008	.29	11.5	.005	Filter Weir			
4121260	Oct. 21	Decided iron	Heavy iron	Heavy iron	Fill.	.15	.0240	.0372	.0156	.540	.0020	.0001	.54	.50	.550	Filter Gallery	
4121261	Oct. 21	None	None	None	.15	.0016	.0104	5.50	.0140	.0016	.23	13.5	.011	Filter Weir			
413458	Dec. 16	Decided iron	Heavy iron	Heavy iron	.65	.0150	.0272	.0180	.0030	.0020	.60	3.5	.180	Filter Gallery			
413459	Dec. 16	None	None	None	.28	.0012	.0116	2.90	.0140	.0130	.42	10.5	.004	Filter Weir			

## SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1913

In form recommended by the New England Water Works  
Association

## READING WATER WORKS

READING, MIDDLESEX COUNTY, MASSACHUSETTS

## GENERAL STATISTICS

Population by Census of 1910, 5,818.

Date of Construction, 1890 and 1891.

By whom owned, Town of Reading.

Source of supply, filter gallery.

Mode of supply (whether gravity or pumping), pumping.

## PUMPING STATISTICS

1. Builders of pumping machinery, George F. Blake Manufacturing Co. and Platt Iron Works.

- |                                |   |   |
|--------------------------------|---|---|
| 2. Description of<br>fuel used | { | <ol style="list-style-type: none"> <li><i>a</i> Kind, coal</li> <li><i>b</i> Brand of coal, New River</li> <li><i>c</i> Average price of coal per gross<br/>ton, delivered, \$5.45</li> <li><i>d</i> Percentage of ash,</li> <li><i>e</i> Wood, price per cord, \$</li> </ol> |
|--------------------------------|---|---|

3. Coal consumed for the year, 504,352 lbs.

4. [Pounds of wood consumed] divided by three equals  
equivalent amount of coal lbs.

- 4*a*. Amount of other fuel used

5. Total equivalent coal consumed for the year equals (3)  
plus (4) lbs.

6. Total pumpage for the year, 89,013,344 gallons, with  
allowance for slip.

7. Average static head against which pumps work, 219.
8. Average dynamic head against which pumps work, 240.
9. Number of gallons pumped per pound of equivalent coal (5), 176.3.
10. Duty equals  $\frac{\text{gallons pumped (6)} \times 8.34 \text{ (lbs.)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}}$   
 equals 35,291,349.  
*Cost of pumping, figured on pumping station expenses, viz.,*  
 \$2996.19.
11. Per million gallons pumped, \$33.65.
12. Per million gallons raised one foot (dynamic), \$0.14.

# FINANCIAL STATISTICS

RECEIPTS		EXPENDITURES	
<i>Balance brought forward:</i>		<i>Water Works Maintenance:</i>	
(a) From ordinary (main- tenance) receipts .	\$100 50	AA. Operation (manage- ment and repairs) .	\$9,974 58
(b) From extraordinary receipts(bonds,etc.)		CC. Total maintenance .	\$9,974 58
Total . . .	\$100 50	DD. Interest on bonds .	7,040 00
<i>From Water Rates:</i>		(CC plus DD) .	17,014 58
A. Fixture rates . . \$		EE. Payment of bonds .	3,000 00
B. Meter rates . .	17,755 82	<i>Water Works Construction:</i>	
C. Total from consumers	\$17,755 82	GG. Extension of mains .	1,501 45
D. For hydrants . .	5,640 00	HH. Extension of services	5,054 84
E. For fountains . .	300 00	II. Extension of meters	668 18
F. For street watering .	300 00	KK. Total construction .	7,224 47
J. Total from municipal departments . .	6,240 00	MM. Balance:	
L. From bond issue .	1,016 25	(aa) Ordinary .	1,375 23
M. From other sources:		Total balance . .	1,375 23
Rent, interest, etc. .	342 43		
Service pipes . .	1,159 28		
Appropriation . .	2,000 00		
N. Total . . .	\$28,614 28	N. Total . . .	\$28,614 28



# DISPOSITION OF BALANCE — CARRIED TO NEW ACCOUNT

O. Net cost of works to date . . . . .	\$348,450 75
P. Bonded debt at date . . . . .	173,000 00
Q. Value of Sinking Fund at date.	
Q. Average rate of interest, 4 per cent.	

## STATISTICS OF CONSUMPTION OF WATER

1. Estimated total population at date, 6,000.
2. Estimated population on lines of pipe, 5,950.
3. Estimated population supplied, 5,800.
4. Total consumption for the year, 89,013,344 gallons.
5. Passed through meters, 56,001,750 gallons.
6. Percentage of consumption metered, .63.
7. Average daily consumption, 243,872 gallons.
8. Gallons per day to each inhabitant, 40.6.
9. Gallons per day to each consumer, 42.
10. Gallons per day to each tap, 155.7.
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC), \$112.05.
12. Total cost of supplying water, per million gallons, figured on total maintenance, plus interest on bonds, \$191.14.

STATISTICS RELATING TO DISTRIBUTION SYSTEM  
MAINS

1. Kind of pipe, cast iron.
2. Sizes, from 6 inch to 12 inch.
3. Extended, 1010 feet during year.
4. Discontinued, 0 feet during year.
5. Total now in use, 32.8192 miles.
6. Cost of repairs per mile, \$1.02.
7. Number of leaks per mile, 0.
8. Length of pipes less than 4 inches diameter, 0 miles.
9. Number of hydrants added during year (public and private), 1.
10. Number of hydrants (public and private) now in use, 191.
11. Number of stop gates added during year, 0.
12. Number of stop gates now in use, 292.
13. Number of stop gates smaller than 4 inch, 0.
14. Number of blow-offs, 14.
15. Range of pressure on mains, 45 lbs. to 90 lbs.

## SERVICES

16. Kind of pipe, cast iron, lead and cement lined.
17. Sizes, 3-4 to 6 inches.
18. Extended, 7960.4 feet.
19. Discontinued, 235.4 feet.
20. Total now in use, 23.4019 miles.
21. Number of service taps added during year, 60.
22. Number now in use, 1,565.
23. Average length of service, 1913, 132.6 feet.
24. Average cost of service for the year, \$84.24.
25. Number of meters added, 67.
26. Number now in use, 1,457.
27. Percentage of services metered, 93.
28. Percentage of receipts from metered water (B divided by C)
29. Number of motors and elevators added, 0.
30. Number now in use, 0.

LEWIS M. BANCROFT,  
Superintendent.

# Nineteenth Annual Report

OF THE

# Electric Light Commissioners

For the Year Ending December 31

1913



## OFFICERS OF THE ELECTRIC LIGHT AND POWER DEPARTMENT

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### Commissioners

CARL M. SPENCER, Chairman	.	Term expires 1914
GEORGE L. FLINT, Secretary	.	Term expires 1915
FRANK E. CRAFTS	. . .	Term expires 1916

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### Manager

ARTHUR G. SIAS

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OFFICE

179 Main Street, Y. M. C. A. Building





## REPORT OF THE ELECTRIC LIGHT AND POWER DEPARTMENT

The Municipal Light Board of the Town of Reading herewith submit their annual report, together with the report of the Manager, with summaries of accounts and statistics, and also a report from the office of John A. Stevens, consulting engineer, covering the installation of the new turbine and condensing equipment at the station.

The receipts from the sale of current during the year show a satisfactory gain. On the other hand an abnormal increase of operating expenses has caused the department to make a relatively poor financial showing as compared with other years. The Manager's report gives in detail the items which account for the increase, and analysis shows many of them to be extraordinary expenses which will not occur again in the near future. The expense for furniture and fittings in the new office, \$750, repairs to trestle, \$320, and engineer's fees in connection with the examination of the station and report on the power plant, \$575, are of this nature.

The repairs of lines and lamps show \$6,779.88 spent this year as against the following amounts in previous years: 1910, \$1,806.92; 1911, \$3,754.90; 1912, \$2,339.25. The new pole line construction of the summer was done by contract, which left the linemen of the department available for repairs and renewals during the greater part of the year, and accordingly expenditures on this account have been excessive. The Board believes that the Manager's allowance of \$4000 for such repairs in 1914 will be ample.

The installation of condensing equipment at the station will bring about a marked economy in fuel consumption, and we believe that the savings indicated in the consulting engineer's report made last June will be fully borne out. It is expected that the installation made as a result of that report will be completed and running early in February.

In April the following new schedule of power rates was put into effect:

### POWER RATE

#### WHEN MONTHLY CONSUMPTION IS

200 kilowatt hours or less	8c.	per KWH.
From 201 to 300 kilowatts	7c.	per KWH.
301 to 400 kilowatts	6c.	per KWH.
401 to 500 kilowatts	5c.	per KWH.
501 to 750 kilowatts	4 1-2c.	per KWH.
751 to 1000 kilowatts	4c.	per KWH.
1001 to 1500 kilowatts	3 1-2c.	per KWH.
1501 to 3000 kilowatts	3c.	per KWH.
Over 3000 kilowatts	2 3-4c.	per KWH.

To comply with the provisions of law as explained in an opinion of the Town Counsel published in December, the Board has made a lighting rate of 5c. per kilowatt to municipal departments, which approximates the cost of production as defined by the statutes.

The new offices of the Department in the Y. M. C. A. building have been leased for a period of five years. They have proved to be well adapted to our needs, affording excellent opportunity to display and demonstrate electrical apparatus, and are more convenient and accessible to the public than the former quarters.

The policy of replacing arc lights by incandescent street lamps has been continued. The extent to which this has

been done is shown by the following comparison of the accounts in the statements of assets :

	1908	1913
Arc lamps . . . .	\$5,540 82	\$3,375 25
Incandescent street lamps	9 91	5,499 58

The Board has planned improvements in street lighting to be made by substituting incandescent for arc lights on the following streets :

- Lowell street from the Common to Wilmington line.
- Grove street from Lowell to Franklin street.
- Charles and Haverhill streets to North Reading line.
- Green street from High to Eaton street.
- South Main street from the railroad to Stoneham line.
- Summer avenue from Mineral to Main street.
- West street from Woburn street to Woburn line.
- Washington street from Main street to Village street.

The first three of these will have been completed by the time this report is distributed ; the others are to follow, although it may not be possible to attend to all during the coming year.

Attention is called to the Manager's estimates of the financial requirements for the ensuing year. Two estimates are given. In both cases allowance has been made for a proposed reduction in lighting rate to Reading consumers from 12c. to 11c. per kilowatt, with the usual 10% discount to be allowed for payment in fifteen days, making 9 9-10c. per kilowatt net. The first estimate has been figured upon the assumption that no contract will be made for supplying current to the Town of Wakefield for the ensuing year. The second is based upon the making of such a contract, the estimated extra expense and additional revenue from this business being included, and a net return of \$4,500 to the Town of Reading for the year is indicated. It is needless to say that the Municipal Light Board urges the Town to authorize them to execute the proposed contract, subject to the con-

sent of the Gas and Electric Light Commissioners as required by law.

We feel that with strict economy and a more careful adjustment of the expenditures, for the betterment and improvement of the property, to the income of the Department, the increase in the profit and loss deficit of the past year will be quickly recovered. The Municipal Light Plant will be operated during the coming year with that end in view.

OARL M. SPENCER,  
GEORGE L. FLINT,  
FRANK E. CRAFTS,  
Municipal Light Board.

“Carrier of Light and Power, Devourer of  
Time and Space, Bearer of Human Speech  
over Land and Sea, Greatest Servant of  
Mankind — itself unknown.”

DR. CHARLES W. ELLIOT.

## REPORT OF CONSULTING ENGINEER

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LOWELL, MASS., Feb. 6, 1914.

MUNICIPAL LIGHT BOARD,  
Town of Reading, Mass.

Gentlemen:—In response to your request, we are herewith giving you a detailed description of the new apparatus and arrangement of same in your power house.

The steam turbine is of the Curtis impulse type, manufactured by the General Electric Company at its Lynn works. The machine runs at 3600 r. p. m. and has a continuous rating of 500 k. w. It is provided with a connection between the first and second stages where, at light loads, steam from the auxiliary apparatus may be admitted with subsequent increase in economy of the station. The turbine is direct-connected to a General Electric, 500 k. w. alternating current, two-phase, 2300 volt generator and a 125 volt shunt wound exciter is mounted on the same shaft. The entire rotating element rests on three bearings, lubricated with oil rings and a forced feed system. The oil is cooled by means of water circulating in coils of pipes imbedded in the lower half of the bearing; the generator windings are air cooled, air being taken from outside and discharged outside through air ducts in the basement. With this arrangement the machine is capable of 25% overload for two hours. The machine is mounted on a concrete and steel foundation and running at full speed hardly any vibration is perceptible.

The condenser for the turbine is of the Le Blanc jet

type, manufactured by the Westinghouse Machine Company. It is the most compact unit made, set in the basement directly under the turbine and consists simply of a mixing chamber for the exhaust steam and injection water set over a centrifugal discharge pump and air pump mounted on the same shaft. The condenser is driven by a 34 H. P. turbine also mounted on the same shaft, which runs at a speed of 2200 r. p. m., and the whole unit is mounted on a common bed-plate.

For purpose of recooling the condensing water after passing through the condenser a spray nozzle pond was built on the lawn in front of the power house. This pond is built with concrete bottom and sides and has a capacity of 100,000 gallons. In connection with this pond a make-up well was also built capable of supplying 100 gallons per minute. Water for condensing purposes is taken from the pond at the suction intake, which is provided with two copper screens to prevent any debris from being carried into the condenser. In passing through the condenser it becomes warmed by action of the exhaust steam. It is then discharged through the spray nozzles, which breaks it up into a fine spray. In passing through the spray, the water is guaranteed to drop 20 degrees F in temperature, when it is again fit for use. The present equipment in the pond consists of 27 2 1-2 inch nozzles manufactured by the Spray Engineering Company, and provision is made for installation of 13 more when needed.

In addition to the above equipment a Deane Condenser was installed to take the exhaust of No. 1 and No. 2 Engines. To prevent oil from being discharged into the pond an oil separator was installed in the exhaust line from the above engines. This condenser is of the ordinary jet type, with a direct double acting engine-driven pump, size 12 in. by 8 in. by 24 in.

The feed water heater on No. 2 Engine was moved and connected in tandem with the other heater and the exhaust

from all auxiliaries was made to exhaust into these. With a little back pressure on these heaters the boiler feed water can be raised considerably above boiling. A hot-well was also installed into which all drips are discharged. The water level is held constant by means of a ball-cock in the condenser in moderately warm and soft water. This arrangement it is hoped will alleviate the troubles from boiler scale.

Cooling water, for bearings, water seals and make up to the pond is supplied by means of a small duplex pump taking water from the make-up well.

Work on the new installation was started late in September. The turbine was given its first tryout on January 27, 1914, and indications are that the economy as stated in our report will easily be equalled. The equipment as a whole improves the appearance of the station and ought to be a material asset in later years.

Thanking you for every courtesy you and your employees have shown us, we are, sirs.

Yours very truly,

JOHN A. STEVENS.



## MANAGER'S REPORT

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TO THE MUNICIPAL LIGHT BOARD, READING, MASS.:

Gentlemen — I respectfully submit herewith my report showing the results of the operation of the Electric Light and Power Department for the year ending Dec. 31, 1913.

The increase in the number of kilowatt hours generated has been about 12% over 1912, and the sales have increased approximately 19%, while the percentage of current lost and unaccounted for has decreased 4% over last year.

The operating expenses have increased quite materially over the previous year due to various reasons, the principal items of manufacturing expense in which there has been an increase being fuel, station wages and repair of real estate. The increase in fuel cost is partly due to the increase in price of coal, partly to the increased load and also due to the fact that the small Corliss engine was operated about 1500 hours less and the larger compound engine about 1700 hours more than during the previous year; the larger engine requiring about fourteen pounds of steam per kilowatt hour more than the smaller one. The increase in station wages is on account of additional help and increase in the pay of the regular help, while the extensive repairs to the coal trestle, which were required by the Railroad Company, account for the increase in this item of expense. With the probable decrease in fuel cost due to the improvements which are now being made at the plant, the cost of manufacturing should be materially reduced.

The principal increase in the distribution expense has been in repairs of lines and is on account of extensive repairs

and replacements. This item of expense I feel can be materially reduced during the coming year, although there are many poles and wires which we have planned to renew in 1914.

The moving of the office and show room into larger quarters called for increased office expenses, including rent, and the increase in general salaries was on account of additional help at the office. The expense of the Consulting Engineer's report is the principal item of Board expense; liability insurance has nearly doubled on account of increase in rate and pay roll; and the larger part of increase in stable expense is on account of upkeep and depreciation of automobile.

Many items of miscellaneous expense can be materially reduced during the coming year, and the total operating expense per kilowatt hour should be much less than during 1913, especially if we can make a contract to supply the Wakefield Plant with all their current.

The work of renewing defective poles and wires and rebuilding pole lines jointly with the Telephone and Railway Companies has been continued during the year, the entire Lowell street pole line having been rebuilt in this manner, and future maintenance expense will be borne equally by the parties occupying the poles. I recommend that this work be continued during the coming year, especially on a portion of Summer avenue and West street, and also on Middlesex avenue. Arrangements have been made with the Telephone Company to rebuild jointly the present pole line on South Main street, between Summer avenue and the Reading-Stoneham Town line, and this work will be started at an early date.

We have completed this year the work of testing and re-calibrating the meters, and this item of expense can be omitted during the coming year.

In Reading we have, during the past year, installed seventy 60-candle power and two 350-candle power Tungsten

street lamps and removed seven arc lamps; and I recommend that the arc service be changed to incandescent service as rapidly as possible, so as to reduce the expense for labor in trimming. In the adjoining towns the following 32-candle power Tungsten street lamps have been added during the past year: Lynnfield Centre 50, North Reading 38 and Wilmington 55; and it is probable that additional street lights will be asked for in all three towns at their annual meeting.

The Center street light circuit now has 17 arc lamps, twelve 100-candle power, and sixty-nine 60-candle power Tungsten lamps and has burned a total of 3,645 hours during the year. The remaining three circuits now have 72 arcs and two hundred nine 60-candle power, and two 350-candle power Tungstens, and have burned a total of 3,196 hours, the increase in the number of kilowatt hours generated for the street lights being about 6% over the previous year.

The records of the office show that the following household devices have been sold to customers during the past year: 4 ranges, 14 toasters and small stoves, 12 electric fans, 149 flat irons, 9 radiators, 5 heating pads, 3 electric signs, 3 vacuum cleaners, 9 motors, and other small devices.

There is an opportunity to secure considerable additional business on or near existing lines at comparatively little expense for construction, and I recommend that an aggressive effort be made to secure as much of this as possible during the coming year. The reduced cost of lighting with Mazda lamps and the lower price of the lamps make it possible for almost everyone on our lines to enjoy the benefit of our service, if we can induce them to wire their houses.

In my report for 1912, I recommended that better facilities for coal storage be provided and suggested that a new trestle be built but in view of the fact that we have expended considerable money in repairs on the present trestle, it would seem that this might be deferred for the present, and the present coal bins made larger.

The installation of the new apparatus in the basement of the power station has taken most of the room which we have previously used for the storage of tools and line material, and most of the remaining room is needed for station supplies and tools. I recommend that a wooden building approximately 50 feet long and 25 feet wide be built on the vacant lot near the power station, to be used for a stock and tool room and also for a shelter for the horses and wagons in cold and stormy weather. Such a building would cost about \$1,000 and would fill a much needed want.

The new office and display room to which we moved in July has been a decided improvement and an advantage to us and the public generally, and I feel that the expense of moving and fitting up the new quarters was justified.

The work of obtaining a record of the connected load was commenced this year, but it was not possible to complete it in time for this report. I recommend that this work be continued so that this data may be available for the State Report on June 30th, 1914.

The following tables show data from the records at the office and are followed by the financial report.

#### NORTH READING EXTENSION

Total number of customers Dec. 31, 1913 . . .	69
Number of commercial lamps connected . . .	1,542
Number of 32 candle street lamps connected . . .	208
Horse power in motors . . . . .	12 1-2
Total investment to Dec. 31, 1913 . . .	\$23,518 95
Total earnings for the year . . . . .	4,370 59

#### LYNNFIELD EXTENSION

Total number of customers Dec. 31, 1913 . . .	58
Number of commercial lamps connected . . .	1,470
Number of 32 candle street lamps connected . . .	50
Horse power in motors . . . . .	11
Total investment to Dec. 31, 1913 . . .	\$7,621 39
Total earnings for the year . . . . .	1,573 92

## WILMINGTON EXTENSION

Total number of customers Dec. 31, 1913 . . . . .	98
Number of commercial lamps connected . . . . .	1,694
Number of 32 candle street lamps connected . . . . .	255
Horse power in motors . . . . .	27 1-6
Total investment to Dec. 31, 1913 . . . . .	\$28,269 05
Total earnings for the year . . . . .	5,103 55

NOTE.— With reference to the above tables it should be noted that about \$16,000 has been spent for construction in the above towns, upon which less than six months' earnings are shown on Dec. 31st.

## TABLE SHOWING DATA FROM THE RECORDS OF THE PLANT

Kilowatt hours manufactured . . . . .	1,045,592
Kilowatt hours used on street lights . . . . .	255,744
Kilowatt hours sold to Wakefield plant . . . . .	127,529
Kilowatt hours sold to Reading consumers . . . . .	380,782
Kilowatt hours sold to North Reading consumers . . . . .	35,752
Kilowatt hours sold to Lynnfield consumers . . . . .	11,332
Kilowatt hours sold to Wilmington consumers . . . . .	44,498
Kilowatt hours used at station and office . . . . .	15,283
Kilowatt hours unaccounted for . . . . .	174,672
Coal used, tons . . . . .	2,393.1
Average cost of coal per ton . . . . .	\$4.414
Carbons used . . . . .	4,457
Globes used . . . . .	332
Incandescent lamps renewed free . . . . .	2,886
60-candle power Tungsten street lamps installed . . . . .	69
32-candle power Tungsten street lamps installed . . . . .	143
350-candle power Tungsten street lamps installed . . . . .	2
Arc lamps removed . . . . .	7
New poles added . . . . .	494
Old poles renewed . . . . .	113
Feet of wire added . . . . .	318,098
Feet of wire renewed . . . . .	41,610

Incandescent lamps connected . . . . .	4,025
Motors connected . . . . .	22
New services installed . . . . .	199

## CONNECTED LOAD DECEMBER 31, 1913

Total number of customers . . . . .	1,263
Total number of incandescent lamps (approx.) . . . . .	27,191
Total horse power in motors . . . . .	272
Total number of arc street lamps . . . . .	89
Total number of Tungston street lamps . . . . .	814

TABLE SHOWING EARNINGS OF LIGHT AND POWER  
FOR FIVE YEARS

## LIGHTS

	1909	1910	1911	1912	1913
Total	\$21,217 40	\$23,876 50	\$30,217 13	\$31,772 66	\$36,747 35
Discount	2,863 45	3,174 25	4,190 06	2,861 18	3,365 99
Net	<u>\$18,353 95</u>	<u>\$20,702 25</u>	<u>\$26,027 07</u>	<u>\$28,911 48</u>	<u>\$33,381 36</u>

## POWER

	1909	1910	1911	1912	1913
Total	\$3,730 84	\$4,984 78	\$5,312 91	\$8,321 36	\$11,363 81
Discount	15 63	18 16	22 58	60 91	80 47
Net	<u>\$3,715 21</u>	<u>\$4,966 62</u>	<u>\$5,290 33</u>	<u>\$8,260 45</u>	<u>\$11,283 34</u>

## NET TOTAL LIGHT AND POWER

1909	1910	1911	1912	1913
\$22,069 16	\$25,668 87	\$31,317 40	\$37,171 93	\$44,664 70

## CASH ACCOUNT

## Dr.

Jan. 1, 1913, to balance . . . . .	\$1,229 53
To appropriation for bond payments . . . . .	5,000 00
Appropriation for note payments . . . . .	1,000 00
Appropriation for construction . . . . .	3,826 19
Appropriation for new street lights . . . . .	1,250 00



Proceeds of Wilmington construction bonds . . . . .	3,000 00	
Proceeds of new construction notes . . . . .	13,500 00	
Proceeds of special construction bonds . . . . .	23,500 00	
Receipts from customers . . . . .	50,350 61	
Receipts from N. E. T. & T. Co., poles and labor . . . . .	1,696 16	
Receipts from sale of poles . . . . .	43 00	
Receipts from reels returned . . . . .	102 27	
Receipts from sale of scrap . . . . .	434 24	
Sundry receipts . . . . .	118 30	
Interest received on deposits . . . . .	101 88	
Accrued interest on bonds and notes . . . . .	53 17	
Petty cash . . . . .	100 00	
	<hr/>	\$105,305 35

## CR.

By cash paid for the following accounts :

Electric plant . . . . .	\$337 35
Cooling plant . . . . .	2,788 26
Steam plant . . . . .	1,951 64
Lines . . . . .	1,775 72
Incandescent street lamps . . . . .	114 32
Meters . . . . .	2,415 31
Transformers . . . . .	1,575 94
Lynnfield Extension . . . . .	1,286 36
North Reading Extension . . . . .	3,056 64
Wilmington Extension . . . . .	6,113 21
Fuel . . . . .	9,821 29
Oil and waste . . . . .	362 46
Water . . . . .	142 79
Station wages . . . . .	7,376 47
Repair of real estate . . . . .	406 95
Repair of steam plant . . . . .	757 65
Repair of electric plant . . . . .	214 42
Station tools and appliances . . . . .	328 58



Repair of lines and lamps . . .	5,573 95	
Carbons . . . . .	63 65	
Incandescent lamps . . . . .	3,100 67	
Globes . . . . .	50 65	
Distribution tools and appliances	115 10	
Distribution wages . . . . .	1,011 45	
Repair of meters . . . . .	446 97	
Pole line rental . . . . .	81 60	
General salaries . . . . .	3,662 36	
Board expenses . . . . .	589 10	
General office expenses . . . . .	1,572 15	
Advertising and printing . . . . .	161 68	
Rent of office . . . . .	205 60	
Taxes . . . . .	161 15	
Insurance . . . . .	2,186 52	
Interest . . . . .	3,237 88	
Bonds . . . . .	5,000 00	
Notes . . . . .	1,800 00	
Stable expenses . . . . .	885 49	
Jobbing material . . . . .	3,312 24	
Stock . . . . .	10,580 20	
Commissioners' salaries . . . . .	225 00	
Petty cash . . . . .	100 00	
Law expense . . . . .	10 00	
Office furniture . . . . .	400 25	
Automobile . . . . .	624 00	
	<hr/>	
	\$86,033 02	
Balance Dec. 31, 1913 . . . . .	19,272 33	
	<hr/>	
		\$105,305 35

## SUMMARY OF CASH RECEIPTS AND EXPENDITURES FOR THE YEAR

DR.

Balance Dec. 31, 1912 . . . . .	\$1,229 53
Appropriation for bond payments . . . . .	5,000 00
Appropriation for note payments . . . . .	1,000 00

Appropriation for new street lights .	1,250	00
Appropriation for construction . .	3,826	19
Receipts from customers . . .	50,350	61
Interest received . . . .	155	05
Sundry receipts . . . . .	2,493	97
Proceeds Wilmington construction bonds . . . . .	3,000	00
Proceeds notes for construction . .	13,500	00
Proceeds bonds for construction . .	23,500	00
	<hr/>	\$105,305 35

## CR.

Cash paid for construction . . .	\$21,414	75
Cash paid for bonds . . . . .	5,000	00
Cash paid for notes . . . . .	1,800	00
Cash paid for interest . . . . .	3,287	88
Cash paid for Commissioners' salaries	225	00
Cash paid for maintenance accounts	51,572	26
Cash paid for insurance . . . .	2,571	98
Cash paid for taxes . . . . .	161	15
	<hr/>	\$86,033 02
Balance Dec. 31, 1913 . . . .	19,272	33
	<hr/>	\$105,305 35

## SPECIAL CONSTRUCTION CASH ACCOUNT

Appropriation . . . . .	\$23,500	00
Expended for steam plant . . .	\$1,918	89
Expended for electric plant . .	325	35
Expended for cooling plant . . .	2,788	26
	<hr/>	5,032 50
Balance Dec. 31, 1913 . . . .		\$18,467 50

OPERATIONS FOR TWELVE MONTHS ENDING  
DECEMBER 31, 1913

EXPENSE

MANUFACTURE :

Fuel . . . . .	\$10,563 21	
Oil and waste . . . . .	277 59	
Water . . . . .	143 46	
Station wages . . . . .	7,376 47	
Repair of real estate . . . . .	419 91	
Repair of steam plant . . . . .	704 82	
Repair of electric plant . . . . .	85 88	
Station tools and appliances . . . . .	483 65	
	<hr/>	\$20,054 99

DISTRIBUTION :

Distribution wages . . . . .	\$997 25	
Repair of lines and lamps . . . . .	6,779 88	
Carbons . . . . .	247 68	
Incandescent lamps . . . . .	1,947 13	
Globes . . . . .	91 28	
Distribution tools and appliances . . . . .	166 76	
Repair of meters . . . . .	475 44	
	<hr/>	\$10,705 42

MISCELLANEOUS EXPENSES :

General salaries . . . . .	\$3,662 36	
Board expenses . . . . .	589 10	
Commissioners' salaries . . . . .	225 00	
General office expenses . . . . .	1,762 12	
Rent of office . . . . .	235 60	
Advertising and printing . . . . .	226 98	
Stable expenses . . . . .	1,277 14	
Insurance . . . . .	2,015 43	
Taxes . . . . .	161 15	
Law expense . . . . .	60 00	
	<hr/>	\$10,214 88

	<hr/>	\$40,975 29
Gain in operating . . . . .		3,689 41
	<hr/>	\$44,664 70

## INCOME

Commercial light, less discounts . . . . .	\$8,482 17	
Domestic lights, less discounts . . . . .	21,073 48	
Commercial power, less discounts . . . . .	5,501 64	
Power sold to Water Works . . . . .	332 40	
Power sold to Wakefield . . . . .	2,724 65	
Lighting municipal buildings . . . . .	679 07	
Street lighting, North Reading . . . . .	2,482 38	
Street lighting, Wilmington . . . . .	2,995 16	
Street lighting, Lynnfield . . . . .	393 75	
	<hr/>	\$44,664 70

## PROFIT AND LOSS ACCOUNT, DEC. 31, 1913

## DR.

Deficit Jan. 1, 1913 . . . . .	\$32,928 80	
Interest paid . . . . .	3,515 40	
Depreciation . . . . .	4,788 80	
Note paid from earnings . . . . .	800 00	
Bad accounts charged off . . . . .	215 79	
	<hr/>	\$42,248 79

## CR.

*Note credited . . . . .	\$800 00	
*Note credited . . . . .	2,200 00	
Jobbing income . . . . .	45 17	
Rent of poles . . . . .	524 82	
Interest on bank balances . . . . .	101 88	
Gain in operating . . . . .	3,689 41	
	<hr/>	\$7,361 28
Deficit Dec. 31, 1913 . . . . .	34,887 51	
	<hr/>	\$42,248 79

\*NOTE.—Amount of note payments from earnings charged to this account now credited, by instructions from the office of the Board of Gas and Electric Light Commissioners.

## STATEMENT, DECEMBER 31, 1913

## ASSETS

Real estate . . . . .	\$11,526 59
Steam plant . . . . .	11,565 80
Cooling plant . . . . .	2,788 26
Electric plant . . . . .	13,218 96
Lines . . . . .	72,084 70
Incandescent street lights . . . . .	5,499 58
Arc lamps . . . . .	3,375 25
Meters . . . . .	13,569 55
Transformers . . . . .	8,963 46

## INVENTORY :

Fuel . . . . .	4,373 51
Station tools and appliances . . . . .	732 20
Oil and waste . . . . .	23 22
Jobbing supplies . . . . .	1,958 41
Line material . . . . .	2,888 00
Incandescent lamps . . . . .	925 60
Repairs, steam plant . . . . .	123 30
Repairs, electric plant . . . . .	100 00
Horse, wagons, etc. . . . .	1,482 18
Distribution tools and appliances . . . . .	484 65
Office supplies . . . . .	273 70
Office furniture . . . . .	892 75
Unexpired insurance . . . . .	341 39
Cash in Town Treasury . . . . .	19,272 33
Cash in Mechanics' Savings Bank (customers' deposits) . . . . .	1,360 44
Accounts receivable (manufacturing) . . . . .	7,456 04
Sundry accounts receivable . . . . .	357 24

---

 \$185,637 11

Profit and loss deficit . . . . . 34,887 51

---

 \$220,524 62

## LIABILITIES

Bonds outstanding . . . . .	\$80,500 00	
Appropriations for bond payments . . . . .	38,000 00	
Appropriations for note payments . . . . .	22,000 00	
Appropriations for construction . . . . .	32,491 23	
Notes payable . . . . .	25,500 00	
Overdraft for construction . . . . .	3,211 64	
Customers' deposits . . . . .	1,360 44	
Interest accrued, not due . . . . .	1,167 60	
Accounts payable, construction . . . . .	2,932 07	
Accounts payable, maintenance . . . . .	13,361 64	
	<hr/>	\$220,524 62

## CONSTRUCTION ACCOUNT

## DR.

Cost of plant as shown in Town Report		
Dec. 31, 1912 . . . . .		\$173,091 96
Electric plant . . . . .	\$765 26	
Steam plant . . . . .	1,643 50	
Cooling plant . . . . .	2,788 26	
Lines . . . . .	19,161 13	
Incandescent street lamps . . . . .	1,846 60	
Meters . . . . .	1,786 20	
Transformers . . . . .	1,465 90	
	<hr/>	29,456 85
Cost of plant Dec. 31, 1913 . . . . .		\$202,548 81

## CONSTRUCTION CASH ACCOUNT

## DR.

Balance appropriation for new street lights, 1912 . . . . .		\$998 21
To appropriation for new street lights . . . . .	\$1,250 00	
Appropriation for construction . . . . .	3,826 19	
Proceeds Wilmington construction bonds . . . . .	3,000 00	

Proceeds bonds for construction .	\$23,500 00	
Proceeds notes for construction .	13,500 00	
Depreciation cash used for construction . . . . .	1,849 95	
	<u>          </u>	\$47,924 35

## CR.

By amount paid for electric plant .	\$765 26	
Amount paid for steam plant .	1,643 50	
Amount paid for cooling plant .	2,788 26	
Amount paid for lines . . . . .	19,161 13	
Amount paid for incandescent street lights . . . . .	1,846 60	
Amount paid for meters . . . . .	1,786 20	
Amount paid for transformers .	1,465 90	
	<u>          </u>	\$29,456 85
Balance Dec. 31, 1913 . . . . .	18,467 50	
	<u>          </u>	\$47,924 35

## WILMINGTON EXTENSION CASH ACCOUNT

Bond issue for Wilmington Extension		\$20,000 00
Bonds not sold . . . . .	\$1,000 00	
Expended . . . . .	19,000 00	
	<u>          </u>	\$20,000 00

## ADDITIONAL TUNGSTEN STREET LIGHTS

Balance January 1, 1913 . . . . .	\$401 93	
Appropriation . . . . .	1,250 00	
Depreciation cash used . . . . .	194 67	
	<u>          </u>	\$1,846 60
Expended . . . . .		\$1,846 60

## DEPRECIATION CASH ACCOUNT

Appropriation from earnings . . . . .		\$4,788 80
Amount used for construction account	\$1,849 95	
Amount used for renewal of lines . . . . .	2,938 85	
	<u>          </u>	\$4,788 80



## NORTH READING EXTENSION

## TOTAL INVESTMENT TO DEC. 31, 1913:

Electric plant . . . . .	\$440 12	
Lines . . . . .	19,840 28	
Incandescent street lights . . . . .	1,517 13	
Meters . . . . .	995 08	
Transformers . . . . .	726 34	
	<hr/>	\$23,518 95

## LYNNFIELD EXTENSION

## TOTAL INVESTMENT TO DEC. 31, 1913:

Lines . . . . .	\$6,021 17	
Incandescent street lights . . . . .	299 68	
Meters . . . . .	521 92	
Transformers . . . . .	425 50	
	<hr/>	\$7,268 27

## WILMINGTON EXTENSION

## TOTAL INVESTMENT TO DEC. 31, 1913:

Electric plant . . . . .	\$627 18	
Lines . . . . .	23,813 56	
Incandescent street lights . . . . .	1,572 85	
Meters . . . . .	988 40	
Transformers . . . . .	934 64	
	<hr/>	\$27,936 63

The law requires that the Manager submit an estimate of the requirements for the coming year, and this year I have submitted two estimates. Estimate No. 1 contemplates a reduction of one cent in the lighting rate in Reading and the loss of the entire Wakefield business after April 1st, 1914, while Estimate No. 2 contemplates the sale to the Wakefield plant of all their current after April 1st. The amount needed for new construction can be estimated only approximately at the time of making this report as the new street lighting business in the adjoining towns is not known.

## ESTIMATE NO. 1

## EXPENDITURES :

Operation, maintenance and re-	
pairs . . . . .	\$34,643 00
Interest on bonds and notes .	4,452 50
Depreciation (3% on \$201,702.87)	6,051 08
Note payments . . . . .	4,000 00
Bond payments . . . . .	5,000 00
Loss in preceding year as defined	
by statute . . . . .	5,020 90
	<hr/>
Total . . . . .	\$59,167 48

## RECEIPTS :

Estimated income from custom-	
ers . . . . .	50,167 48
	<hr/>
Balance . . . . .	\$9,000 00
Due for construction Dec. 31, 1913	2,932 07
For new construction 1914 . .	8,000 00
	<hr/>
Total . . . . .	\$19,932 07

## ESTIMATE NO. 2

## EXPENDITURES :

Operation, maintenance and re-	
pairs . . . . .	\$37,643 00
Interest on bonds and notes .	4,452 50
Depreciation (3% on \$201,702.87)	6,051 08
Note payments . . . . .	4,000 00
Bond payments . . . . .	5,000 00
Loss in preceding year . .	5,020 90
	<hr/>
Total . . . . .	\$62,167 48

## RECEIPTS:

From private consumers . . .	\$57,667 48
Balance . . . . .	\$4,500 00
Due for construction Dec. 31, 1913	2,932 07
For new construction . . . . .	8,000 00
Total . . . . .	\$15,432 07

Respectfully submitted,

ARTHUR G. SIAS,  
Manager.

# **Annual Report.**

OF THE

## **SCHOOL COMMITTEE**

OF THE

### **TOWN OF READING**

**For the Year Ending December 31**

**1913**



## **SCHOOL COMMITTEE**

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WALTER S. PARKER, Chairman, Walnut St.

Term expires 1914

HOWARD W. POOR, Mt. Vernon St. Term expires 1914

MRS. IDA A. YOUNG, Woburn St. Term expires 1916

JESSE W. MORTON, Woburn St. Term expires 1916

ARTHUR N. MANSFIELD, Woburn St. Term expires 1915

MRS. ELIZABETH H. BROWN, Prospect St.

Term expires 1915

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### **Superintendent of Schools and Secretary of School Committee**

ADELBERT L. SAFFORD

---

### **Truant Officer**

WILLIAM KIDDER

---

### **Medical Inspector**

E. DALTON RICHMOND, M. D.

---

### **Janitors**

HIGH SCHOOL, Clement Gleason, 64 Orange St.

HIGHLAND SCHOOL, Jesse N. Hutchinson, 32 Bancroft Ave.

CENTRE SCHOOL, William Kidder, 26 Lowell St.

UNION ST. SCHOOL, William Kidder, 26 Lowell St.

LOWELL ST. SCHOOL, Sylvanus L. Thompson, Lowell St.

PROSPECT ST. SCHOOL, Timothy Cummings, Temple St.

CHESTNUT HILL SCHOOL, Alfred Ells, 47 Hopkins St.

HIGH SCHOOL MATRON, Mrs. Ara Pratt, 29 Orange St.

## ORGANIZATION OF SCHOOL COMMITTEE

---

WALTER S. PARKER, Chairman

ADELBERT L. SAFFORD, Secretary

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### Sub-Committees

#### FINANCES AND ACCOUNTS

A. N. Mansfield

H. W. Poor

J. W. Morton

#### BOOKS AND SUPPLIES

J. W. Morton

Mrs. Ida A. Young

W. S. Parker

#### SCHOOL HOUSES AND PROPERTY

A. N. Mansfield

J. W. Morton

H. W. Poor

#### RULES AND REGULATIONS

Mrs. Elizabeth H. Brown

A. N. Mansfield

H. W. Poor

#### TEACHERS AND SALARIES

H. W. Poor

W. S. Parker

J. W. Morton

#### MUSIC AND DRAWING

Mrs. Ida A. Young

Mrs. Elizabeth H. Brown

J. W. Morton

#### COURSE OF STUDY

H. W. Poor

Mrs. Ida A. Young

J. W. Morton



## REPORT OF SCHOOL COMMITTEE

The School Committee submits the following report for the year ending February 28, 1914:

The attention of the citizens is earnestly requested to the reports which accompany this report. We would urge a careful perusal of the report of the Superintendent of Schools, especially that part of his report which treats of the financial aspects of the school question.

Much has been said recently regarding the very great expense connected with the school department. It has been maintained that the expense in running the school department in Reading is very much greater than in other towns of the Commonwealth. That phase of the subject is taken up by the Superintendent in his report. It shows clearly from his quotations of the report of the State Board of Education that our town stands about midway between the extremes of high and low expenditures of money for school purposes by the seventy towns of over 5,000 inhabitants in the state: that Reading stands below Wakefield and Stoneham: that is, we do not expend in proportion to what we are worth as much as Wakefield or Stoneham.

We desire to emphasize the fact, to which the Superintendent calls attention, namely:

That something should be done in the future to retain the most efficient teachers in our teaching force.

Complaint has come to us many times recently that we have too many young teachers, and when they prove their worth they resign for more salary elsewhere.

It seems self-evident that there is but one remedy for this frequent change in our teaching corps. In the High School, we cannot find anyone but the young teacher fresh from college who will accept the low salary which we are able to offer as the first year salary. Our salaries have not been raised during the past few years in proportion to the high cost of living. The teachers today, considering the high prices which they have to pay for everything they are obliged to buy, are not getting large pay.

The terms of Howard W. Poor and Walter S. Parker expire during the present year.

#### APPROPRIATIONS

We recommend the sum of \$42,300 and school receipts for school maintenance. We also recommend a special appropriation of \$3,600 for the following purposes:

Special repairs and alterations, \$2,000.

Twelve additional typewriters, \$600.

Additional for fuel if hard coal is used, \$1,000.

WALTER S. PARKER, Chairman.

JESSE W. MORTON.

IDA A. YOUNG.

HOWARD W. POOR.

ARTHUR N. MANSFIELD.

ELIZABETH H. BROWN.

## REPORT OF THE SUPERINTENDENT OF SCHOOLS

TO THE SCHOOL COMMITTEE OF THE TOWN OF READING, MASS. :

The twenty-first annual report of the Superintendent of Schools is presented herewith. In the few months in which I have had the honor to serve you as Superintendent, attention has been given chiefly to getting acquainted with the conditions. I thank the Committee, the teachers and the citizens generally for a very cordial welcome and for the manifestation of a readiness to co-operate in every way in promoting the welfare of the pupils in the schools. I am particularly grateful to my predecessor in this office who extended a helping hand and did all in his power, not only to make my coming a pleasure but also to render such advice and assistance that the loss to the schools occasioned by his departure might be reduced as much as possible. The manner in which the work of administration had been systematized was admirable and proved very helpful to a new-comer.

### TEACHERS

The large percentage of new teachers is one of the most striking features of the present situation. Of the twelve teachers in the High School, including the Principal, eight were new to the school in September. Six of the eight were fresh from college without previous teaching experience. Of the four teachers remaining in the school from last year, one had been one year in this school, one three years, one four years and one six years.

While some changes are inevitable, and are perhaps de-

sirable for the sake of introducing new ideas and as a stimulus to the ambitions of the teachers, yet such wholesale changes cannot be otherwise than detrimental, however competent the new teachers may be.

It is extremely difficult under such circumstances for the school to perform adequately its functions. On the other hand, it is very disappointing to the pupil if he finds on his graduation that he cannot enter college or secure office work without further study.

The margin between unquestioned success and partial failure generally involves only a small percentage of the whole cost of the enterprise. The true economy is to get satisfactory results.

The changes in teachers in the elementary schools were less numerous than in the High School. There were six new teachers in twenty-four. Even this is too large a number. If the vacancies are filled, as in most of these cases, by young teachers lacking in experience, a high degree of efficiency is impossible.

## COURSE OF STUDY

The trend of modern courses of study is towards preparing each pupil specifically for some one definite undertaking, such as entrance to college, technology or normal schools; stenography, bookkeeping, general office work; or some agricultural, industrial or domestic occupation. Such preparation includes the broad foundations in the fundamentals and as much general culture as circumstances permit, but it also makes indispensable, facility and skill in the particular direction in which the pupil is to specialize. Our course of study in the Reading High School is admirable in its general outlines, but provision might be made for greater specialization. Pupils entering college and technology should be fitted to pass the College Entrance Board examinations with uniform success; pupils studying clerical branches should attain proficiency in penmanship, spelling,

rapid calculation, stenography, typewriting and bookkeeping: pupils intending to remain at home should have their school work closely related to home projects in agricultural and household arts and sciences.

The college preparatory work is well outlined in the course of study and requires only a stable and efficient corps of teachers, with perhaps some changes in text-books and some additional apparatus in order to afford the pupils all the necessary conditions for successful effort. The provisions for studying commercial branches should be improved by doubling the time devoted to shorthand and typewriting, by increasing by one-half the time devoted to bookkeeping, and by materially increasing the amount of instruction in commercial arithmetic, penmanship and spelling. Commercial English, business law and commercial geography might also be added to the course of study. Commercial studies should be developed until a point of contact with a job is reached. Otherwise they are like a bridge with a missing span. A system of office practice in local business offices might be arranged also with good results.

Such a readjustment of the commercial course would make necessary no larger teaching force in the schools, but might require the exchange of one of the other teachers for a teacher of commercial subjects. The work now done in the school in these branches is excellent so far as it goes. It is merely inadequate because too little time is devoted to it.

For pupils who are to remain at home on the farm after completing their High School studies, the High School work should be coordinated with home projects in domestic arts and science, and in various agricultural pursuits such as home gardening, market gardening, poultry raising, potato, tomato, and corn raising. The Massachusetts Agricultural College at Amherst carries on an extensive system of school clubs along these lines. Mr. O. A. Morton, in charge of this work, has lectured at the Reading High School and the Highland Grammar School, and a number of pupils have

joined various clubs. Another lecture on potato culture aroused considerable interest among the pupils. The conditions here are favorable for a large work along these lines if the citizens of Reading will co-operate. If the home work in agriculture is suitably developed, a course in agricultural chemistry and other related branches can be easily introduced into the High School and large results obtained at small expense to the town.

The following list of clubs and projects is compiled from the registration blanks furnished by the Massachusetts Agricultural College at Amherst to which reference is made above.

### MASSACHUSETTS BOYS' AND GIRLS' HOME ECONOMICS CLUBS

CONTESTANTS MUST BE BETWEEN 10 AND 18 YEARS OF AGE

All members of the Club must select either bread making or canning as a common activity.

Check activities to the amount of 110 hours in addition to the common activity of 40 hours.

PREMIUMS—Trip to Washington, D. C.; trip to places of interest in New England; week at Massachusetts Agricultural College.

#### LIST OF ACTIVITIES

COOKERY	HRS	HOUSEHOLD MANAGEMENT	HRS
Soup making . . . . .	20	Table setting . . . . .	5
Making and baking yeast bread . . . . .	40	Table serving . . . . .	5
Vegetables . . . . .	20	Washing dishes . . . . .	10
Cooking of meats . . . . .	20	Drying dishes and arranging in cupboard . . . . .	10
Preparation light dessert	20	Sweeping and dusting . . . . .	20
Making and baking pies	20	Care of one's bedroom . . . . .	20
Making and baking cake	20	Washing windows . . . . .	15
Making and baking cookies	15	Cleaning floor . . . . .	10



Making and frying dough-nuts . . . . .	15	Cleaning and filling lamps . . . . .	15
Preparing breakfast . . . . .	25	Building fire . . . . .	10
Cereal course . . . . .	1-4	Blackening stove . . . . .	10
Main course . . . . .	1-2	Assisting with washing . . . . .	15
Beverage course . . . . .	1-4	Ironing . . . . .	20
Preparing supper . . . . .	25	HANDWORK	
Main course . . . . .	1-2	Sewing, darning or mending . . . . .	20
Dessert course . . . . .	1-2	Basket work, caning, crocheting, knitting or weaving . . . . .	20
Canning and preserving fruit . . . . .	40		

## BOYS' AND GIRLS' POULTRY CLUB

### RULES AND REGULATIONS

1. Members of this club shall be between the ages of 10 and 18.

2. The period of competition shall be from February 1 to August 1, 1914.

3. There are four classes open for competition: 1, 2, 3, 4, and the number of hens or pullets entered in each class must be 6, 12, 25, 50 respectively.

4. The contesting fowls must be leg-banded. (Leg bands to be furnished by the College).

5. Members competing must own the fowls under their management.

6. The fowls may be of his or her own raising, or may be obtained through purchase or as a gift.

7. Standard bred stock of one variety is recommended, but not required. Any variety or combination of varieties—pullets or hens—may be entered.

8. Layers must have from 5 to 8 square feet of floor space per bird.

9. Data must be kept according to record card and report blanks furnished.



10. Fourth weekly records and final reports must be sent in promptly.

#### SCORE CARD

Egg production . . . . .	40
Profits . . . . .	30
Reports . . . . .	15
Story . . . . .	15
	<hr/>
	100

The premiums will be on the same basis as those for corn. 1. A free trip to Washington, D. C., or some National Poultry Show. 2. A free trip to some New England Poultry Show. 3. A free week here at the college when a regular convention of poultry men is held. Setting of eggs from standard bred stock, medals and ribbons will be awarded to the most successful members in each town or city club. For the free trips, the State members will be divided into two, three or four clubs as the number of members warrant. National pins will also be awarded to the most successful members in each club.

#### MASSACHUSETTS BOYS' AND GIRLS' AGRICULTURAL AND HORTICULTURAL CLUBS

CONTESTANTS MUST BE BETWEEN 10 AND 18 YEARS OF AGE

PREMIUMS.—Trip to Washington, D. C.; trip to places of interest in New England; week at Massachusetts Agricultural College.

#### CLUB

Corn . . . . .	1 acre	1-2 acre
Hay . . . . .	1 acre	1-2 acre
Potatoes . . . . .	1 acre	1-2 acre
Potatoes . . . . .	1-4 acre	1-8 acre
Market garden . . . . .	1-10 acre	1-20 acre
Tomatoes . . . . .	1-10 acre	1-20 acre

Manual training and sewing are already in the schools and can be closely related to the home projects, and can aid them by furnishing necessary preliminary instructions.

If cooking should be added to the curriculum it could be closely related to home work in domestic science, and thus multiply itself many fold by co-ordination of school work with actual accomplishments outside of school hours.

To sum up the whole idea in a few words, we might say that the school may so relate its teaching to the real tasks and problems of the pupils' life, that, while limiting its instruction to the legitimate field of school subjects, it would co-ordinate all the pupils' activities at home, at school, at work, at play, so that each would help the other and all all would promote the physical, intellectual and moral improvement of the pupil. The organization of the Reading schools is ideal for any plans of this sort. The concentration of all the grammar grades in one building makes possible variations in the work of different groups of pupils according to their special interests. Many grammar schools in this and other states are offering four partially separate courses to pupils in the upper grades: cultural, commercial, household and industrial. About three-fifths of the work is the same in all courses, and two-fifths is devoted to the special branches of the particular course. Also in most of the places where this plan has been adopted, an hour or more a day is devoted to manual or special work outside of the regular five hours of school.

### TEXT BOOKS, SUPPLIES AND APPARATUS

I learn from a previous report that for several years past the appropriation for text books, supplies and apparatus has been progressively reduced. As the cost of these items is less than 10% of the whole, it would not seem to be economy to impair the results of the whole expenditure by a too frugal policy in respect to so small a part. There is need of a number of new text books in both the high school and the

elementary schools. There is a noticeable lack of any large pieces of apparatus in the schools, such as stereopticons, electrical machines, microscopes, cameras, relief maps, charts, globes and other apparatus for teaching. Of course expensive apparatus must be acquired gradually, but if it is not acquired at all the scope of usefulness of the school is permanently impaired.

### SPECIAL SUPERVISORS

Instruction in music, drawing, manual training, sewing and penmanship is under the direction of special supervisors or teachers. Excellent progress is being made in all these lines. Reading is fortunate in retaining all its special teachers this year. Work in drawing by Reading pupils was chosen this year by an Association of Art Teachers to be part of a permanent traveling exhibit illustrating the best methods of teaching drawing. This was an honor accorded few, if any, other towns of the size of Reading, but was, I am sure, fully warranted by the high character of the instruction given to the pupils in this subject.

### BUILDINGS

Improvements were made during the year in the heating of the Prospect Schoolhouse, and the Chestnut Hill Schoolhouse, and water closets were installed at Chestnut Hill and at the Centre. Also the grounds were graded at Lowell street. During the coming year the rooms of the Highland Schoolhouse should be tinted, the Chestnut Hill Schoolhouse should be painted and shingled, the Union Street Schoolhouse should be shingled and the yard improved by removal of concrete and putting on a surface coat of gravel. The vent ducts and chimney of the High Schoolhouse should be relaid above the roof and protected from action of water. These and other minor repairs require a special appropriation in addition to the usual amount for incidental repairs and upkeep of buildings, furniture and grounds.

## SALARIES OF TEACHERS

I have alluded elsewhere to the importance of paying sufficient salaries to prevent wholesale changes in teachers. In most cities and towns, salaries have been advanced 20 to 25% in the past five years. Consequently those towns that have not increased salaries must usually employ inexperienced or inferior teachers, and must suffer frequent changes. There are, of course, many exceptions to this in the case of individual teachers of excellent ability, who for personal reasons prefer to remain in a place at a salary less than could be had elsewhere. The exceptions, however, prove the rule.

It is highly desirable that a maximum salary be established with a uniform advancement each year towards the maximum until it is reached. Primary teachers should receive as high salaries as grammar school teachers of equal ability and experience. The old idea of beginning at the lowest salary in the first grade and "working up" has been almost universally abandoned for the plan of a uniform salary for all grades. This is not only just, but conducive to the efficiency of the schools, since it holds each teacher in the kind of work for which she is best suited.

## MORAL RESPONSIBILITY IN PUPILS

Charges are sometimes made that the schools are Godless and immoral, but I have never found it so. The school is a little world in itself wherein are enacted in kind nearly all of the comedies and tragedies of life, and in these are revealed the moral status of the pupils. The method of discipline and control that makes the pupil feel the greatest personal responsibility for his own acts and leads him to use wisely the largest amount of initiative in managing his own affairs will lead most rapidly and surely to wise self-direction and self-dependence.

On the other hand, a method that depends on arbitrary commands and artificial rewards and punishments cannot

fail to lead to a lack of clear perception of moral issues and a lack of self-restraint and self-control when removed from artificial restraint. The pupil is apt to consider the artificial punishment as the lawful price of indulgence and weigh one against the other. He is apt to consider that every thing is made right when he has suffered the arbitrary punishment for a wrong act. But in fact, such punishment settles nothing: the wrong act sets in motion a long train of consequences which his arbitrary punishment does not affect in the least. These natural consequences of his act are the real punishments which he should be made to feel and should be taught to avoid by a clearer perception of moral issues.

Acts of violence against others, and dangerous and vile acts must be summarily, arbitrarily and forcibly suppressed with unrelenting severity, but within reasonable limits the pupil should choose his own course, subject to the suggestions and criticisms of his instructors. Dr. Montessori, who has made this "right of initiative" on the part of the pupil one of her cardinal doctrines, thus defines the function of discipline: "We call an individual disciplined when he is master of himself and can therefore regulate his own conduct when it shall be necessary to follow some rule of life. The liberty of the child should have as its limit, the collective interest: as its form, what we universally consider good breeding. We must, therefore, check whatever offends or annoys others, or whatever tends towards rough or ill-bred acts. But every manifestation having a useful scope—whatever it be—must not only be permitted but must be observed by the teacher."

### FINANCIAL RESOURCES

In planning a school system as in buying a coat, the first consideration is the financial resources available. Often very erroneous opinions prevail regarding the relative standing of one's own town in comparison with others. Recently one of the best informed men in town in the matter of finan-

ces asked me to name a single town of the size of Reading that devoted a larger part of its tax levy to the support of schools. As a matter of fact there are thirty-seven such towns—more than half of the seventy towns of over 5,000 inhabitants in the state; in eight of the thirty-seven towns the percentage of the school tax was more than 40% greater than Reading; in four towns it was more than 50% greater. The tax rate per thousand of valuation for school support is perhaps a better basis for comparison. Thirty-five of the seventy towns have a higher tax rate for school support than Reading, which for the year in question was \$5.62. The town of Abington, slightly smaller than Reading, had a tax rate for school support for the same year of \$9.18, or more than 63% greater; Saugus was about 30% greater; and even the adjoining towns of Stoneham and Wakefield were 10% greater than Reading.

Comparing the resources of the town as represented by the valuation per pupil, thirty-eight out of seventy towns have a less valuation per pupil than Reading.

To sum up, in whichever way we compare Reading with the other seventy towns of its size, we find it ranks a little below the middle position in expenditure: being 38th in per cent. of whole tax devoted to schools; 36th in tax rate per thousand of valuation; and 39th in valuation per pupil counting from lowest to highest.

These figures are taken from the special report of the Massachusetts State Board of Education to the Legislature of 1913.

In closing, I wish to express my appreciation of the earnest spirit and hearty co-operation of all of the teachers and to thank the members of the School Committee for their support and kindly consideration.

Respectfully submitted,

ADELBERT L. SAFFORD.



**MASSACHUSETTS TOWNS OF OVER 5000 INHABITANTS—TAX  
RATE FOR SCHOOLS, WITH OTHER DATA FROM A SPECIAL  
REPORT OF THE STATE BOARD OF EDUCATION, 1913**

		School tax per 1000	Per cent of whole tax	Val. per pupil	Cost per pupil
1	Abington.....	\$9.18	39	\$3,306	\$30.37
2	Grafton.....	8.08	43	3,288	27.88
3	Montague.....	7.90	42	3,717	30.01
4	Palmer.....	7.83	49	3,658	24.14
5	Adams.....	7.67	39	3,592	26.08
6	Blackstone.....	7.61	40	1,997	17.24
7	Orange.....	7.45	39	3,708	26.82
8	Northbridge.....	7.39	45	3,204	23.36
9	Saugus.....	7.26	33	3,639	23.98
10	Weymouth.....	7.26	32	3,675	26.53
11	Hudson.....	7.07	34	3,552	24.76
12	Ware.....	6.99	44	4,337	29.77
13	Rockland.....	6.93	30	3,749	25.08
14	Braintree.....	6.92	24	4,400	28.44
15	Westfield.....	6.90	41	4,166	30.63
16	Middleborough.....	6.89	33	3,627	25.64
17	Whitman.....	6.68	29	3,983	25.12
18	Clinton.....	6.60	29	4,404	27.45
19	Spencer.....	6.61	33	4,414	30.20
20	Danvers.....	6.55	34	4,357	28.79
21	Athol.....	6.50	32	3,885	25.92
22	Bridgewater.....	6.33	36	4,244	38.42
23	Franklin.....	6.32	37	4,081	27.16
24	Natick.....	6.28	32	4,742	31.40
25	Gardner.....	6.26	28	4,718	29.20
26	Stoneham.....	6.23	30	4,454	27.70
27	Wakefield.....	6.19	30	4,261	24.65
28	Maynard.....	6.02	38	4,826	29.45
29	Leominster.....	5.89	30	5,837	34.91
30	Fairhaven.....	5.85	28	3,978	48.15
31	Winchendon.....	5.83	25	4,218	30.50
32	Stoughton.....	5.80	26	4,212	24.48
33	Revere.....	5.75	26	5,077	30.04
34	Chelmsford.....	5.71	38	5,449	29.68
35	Arlington.....	5.66	28	6,121	33.58
36	<b>Reading.....</b>	<b>5.62</b>	<b>29</b>	<b>5,048</b>	<b>31.29</b>
37	North Andover.....	5.52	28	5,755	30.84
38	Westborough.....	5.47	30	4,543	25.41
39	Needham.....	5.44	30	3,143	29.68
40	North Attleborough.....	5.41	27	5,862	29.15
41	Methuen.....	5.40	28	4,241	23.74
42	Framingham.....	5.25	29	5,626	29.72
43	Peabody.....	5.24	25	5,258	26.35
44	Southbridge.....	5.16	23	5,162	23.05
45	West Springfield.....	5.16	32	4,385	23.13
46	Amherst.....	5.13	29	4,396	24.09
47	Mansfield.....	5.13	31	5,137	27.67
48	Andover.....	5.12	31	5,778	32.69
49	Great Barrington.....	5.03	41	5,048	31.29
50	Greenfield.....	4.87	28	5,987	27.65
51	Belmont.....	4.77	25	7,684	35.87
52	Plymouth.....	4.76	25	5,562	25.20
53	Concord.....	4.69	33	4,013	41.26
54	Winchester.....	4.67	27	7,741	33.21
55	Milford.....	4.62	27	4,924	21.87
56	Amesbury.....	4.55	25	7,164	31.57
57	Attleborough.....	4.51	27	7,187	31.36
58	Dedham.....	4.37	25	7,986	34.86
59	Watertown.....	4.23	23	8,757	35.55
60	Winthrop.....	4.20	23	8,041	34.14
61	Ipswich.....	4.20	26	6,271	22.32
62	Easton.....	4.12	41	5,769	31.33
63	Easthampton.....	4.00	21	5,765	23.98
64	Marblehead.....	3.94	18	7,426	27.37
65	Webster.....	3.87	39	9,251	34.92
66	Norwood.....	3.40	37	8,635	27.41
67	Swampscott.....	2.96	20	14,662	43.46
68	Wellesley.....	2.90	24	16,509	43.39
69	Milton.....	2.88	24	31,215	52.01
70	Brookline.....	2.01	16	28,815	51.07



## REPORT OF TRUANT OFFICER

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1913

Number of absences reported to me . . . . .	156
Number found to be truants . . . . .	39
Number reported by parents as ill . . . . .	48
Number kept out by parents to work or otherwise . . . . .	54
Number reported insufficiently clad . . . . .	15
Put on probation . . . . .	0

Respectfully submitted,

WILLIAM KIDDER,

Truant Officer.

# TEACHERS IN SERVICE, WHERE EDUCATED, YEAR WHEN APPOINTED

ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 19, 1913

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance	Cases of Tardiness	Cases of Dismissal
High	IX-XII	A. L. Safford, Principal and Supt. G. F. Wilson	Bates College.	1913	\$2400	318	300.5	284.	94.3	252	72
"	"	Dorothy Dey	Bowdoin College	1913	1100						
"	"	Alice M. Lombard	Wellesley College	1910							
"	"	Agnes M. Gilmore	Bay Path Institute	1907	1000						
"	"	Mary W. Sawyer	Boston University	1910	900						
"	"	Abbie H. Evans	Wellesley College	1912	650						
"	"	Marion Corliss	Radcliffe College	1913	550						
"	"	Elizabeth W. Whitman	Wellesley College	1913	550						
"	"	Josephine M. Minihan	Brown University	1913	550						
"	"	Ruth A. Finberg	Radcliffe College	1913	900						
"	"	Marion Benton	Radcliffe College	1913	900						
Highland	VIII	Alice Barrows, Principal	Boston University	1880	1100						
"	VIII	Emma S. Page, Assistant	Bridgewater Normal	1899	750						
"	VIII	Fannie C. Whittemore	N. H. State Normal	1905	700						
"	VII	Jenny F. Copeland	Concord Training School	1902	700						
"	VII	Sadie V. Johnstone	Salem Normal	1913	600						
"	VII	Mabel P. Williams	Farmington Normal	1911	575						
"	VI	Ethel M. Reed	Lowell Normal	1913	500						
"	VI	Mabel I. Mathewson	Farmington Normal	1912	575						
"	V	Marjorie O. Symmes	Fitchburg Normal	1913	500						
"	V	Dorothy M. Carlisle	Boston Normal	1911	525						
Centre	III-IV	M. Grace Wakefield, Principal	Concord Training School	1890	650						
"	IV	Joyce L. Fielder	Salem Normal	1908	575						
"	III	Alberta R. Doyle	Salem Normal	1911	550						
"	IV-V	Phoebe Doran	Salem Normal	1913	450						
Union St.	II	Anna P. Reid, Principal	Machias Normal	1913	475						
"	I	Corra G. Soule	Reading High School	1884	650						
"	I	Marion H. Morgan	Fisher Kindergarten	1912	550						
"	I	Mabel A. Porter	Bridgewater Normal	1911	525						
Prospect St.	I-II	Ada E. Dow, Principal	Rust Kindergarten	1909	650						
"	III-IV	Ethel J. Bent	Lowell Normal	1911	600						
Lowell St.	III-IV-V	Eddee D. Gammon, Principal	Connecticut State Normal	1911	650						
"	I-II	Caryl M. Porter	University of Maine	1911	525						
"	I-II-III	A. Isabelle Parker	Rust Kindergarten	1911	550						
Chestnut Hill		Annie B. Parker, Drawing	Dean Academy	1892	500						
"		Eunice N. Bancroft, Sewing		1908	350						
"		Arthur H. Tozer, Music		1910	500						
"		Wm. Firth Eastwood, Manual Training		1906	640						
"		Myrtle D. Wells, Clerk		1910	350						

READING HIGH SCHOOL

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# Graduation Exercises

CLASS OF  
..1913..

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WEDNESDAY EVENING, JUNE TWENTY-FIFTH

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High School Hall

## PROGRAM

PRAYER BY REV. FRANK M. HOLT \*

## Baptist Church

- 1 The Spirit of the Age . . . . . (Salutatory)

\* HELEN HARTLEY PEASE

- 2 The Reading Water System . . . . .

‡ GERALD CHAMBERLAIN ROBINSON

- "The Two Grenadiers" . . . . . Schumann

THE CHORUS

- 3 Another Great American . . . . .

† ERNEST HUNNEWELL LEACH

- 4 "The Pioneer" . . . . .

‡ HERBERT LAWRENCE PATRICK

- 5 Girlhood Miniatures . . . . .

‡ DOROTHY BATCHELDER SKILLEN

- "Six o'clock in the Bay" . . . . . Adams

THE CHORUS

- 6 The Quest of Contentment . . . . . (Valedictory)

\* HELEN GERTRUDE KERSHAW

- "Bright Dews of Morning" . . . . . Crowe
- 
- Conferring of Diplomas

WALTER S. PARKER

Chairman of the School Committee

BENEDICTION—REV. J. E. WATERHOUSE

## Methodist Church

DIRECTOR OF MUSIC . . . ARTHUR HAROLD TOZER

ACCOMPANIST . . . MARION WINIFRED RODDEN

\* Scholarship Honors

† Class Honors

‡ Faculty Honors

## CLASS OF 1913

## COLLEGE COURSE

Dorothy Bond	Helen Gertrude Kershaw
Edith Adelaide Buck	Helen Hartley Pease
Margaret Carleton	Hilda Cameron Prentiss
Marjorie Howes Gage	Harriet Dorothy Turner

## SCIENTIFIC COURSE

Ernest Hunnewell Leach	George Ward Phelps
Edward Rufus Lord	William Henry Rodden
Foster Nowell	Willis John Turner

## NORMAL COURSE

Helen Gertrude Quinlan	Dorothy Batchelder Skillen
Margaret Elvita Reid	

## GENERAL COURSE

Barbara Merle Abbott	Ruth Rachael McLeod
Mildred Louise Akerley	Ruth Helen Morrison
Doris Helen Bangs	William James Parkins
Mildred Josephine Barrett	Herbert Lawrence Patrick
Katherine Margaret Canty	Ruby Power
Wilbur Spinney Cail	Lyman Edgar Pratt
Warren Foster Charles	Chester Arthur Putnam
Mildred Elizabeth Chisholm	Arthur James Reid
Harold Beals Currell	Nelson Atwood Remick
Mary Elizabeth Devaney	Ellena Ruth Riley
James Albert Doucette	Gerald Chamberlain Robinson
Nellie Baker Eisenhaure	Marion Winifred Rodden
Grace Damon Flint	Frank Thomas Seaman
George Freedman	Frank McClellan Stevens
Minerva Gates Gilman	Marion Cecilia Stevens
Freeman Matthews Gray	Jeannette Peabody Stickney
Clara Mabel Hale	Doris Gabrielle Tarbox
Bertha Herbolzheimer	Carroll Wyman Temple
Louise Scribner Kinsman	Harland Alfred Townsend
Sylvia Clarice Lang	Mary Elizabeth Thornton
Harold Frank Lougee	Helen Doris Turner
Stanley Wellman Mack	Edna Stearns Young
Alfred Augustine McDavitt	

PUPILS GRADUATING FROM HIGHLAND SCHOOL  
JUNE 26, 1913

## GIRLS

Allen, Irene B.  
Bisbee, Alice L.  
Brooks, Edna V.  
Cook, Phyllis H.  
Cowles, M. Edith  
Doucette, Lena R.  
Ferguson, Mary J.  
Field, Lillian E.  
Fife, Christine H.  
Freeman, Anna G.  
Hickey, Irene F.  
Hill, Flora A.  
Lord, Helen A.  
Lowando, Elsie May  
MacKillop, Anna M.  
McDonagh, Margaret P.  
McIntire, Hazel H.  
McNeil, Mary E.  
Meekins, Claire  
Murray, Mary  
Nichols, Mildred  
Nowell, Helen  
Page, Beulah H.  
Pheney, Mary M.  
Pippin, Stella  
Prentiss, Helen L.  
Ratcliffe, Marion G.  
Reid, Josephine V.  
Richardson, Viola E.  
Rothwell, Gladys  
Schwarz, Genevieve  
Shepard, Dorothy R.

## BOYS

Akerley, Elmer C.  
Alger, James W.  
Ambler, Morton H.  
Anderson, H. Everett  
Andrews, Howard A.  
Bangs, C. Hanson  
Betts, John J.  
Betts, Joseph E.  
Bixby, Wingate  
Brown, Elmer D.  
Brown, Robert M.  
Burke, Joseph J.  
Chellis, Myron S.  
Cleveland, Elmer  
Collins, J. Frank  
Crowhurst, Percy J.  
Dacey, Cornelius  
Davis, Clyde L.  
Desmond, James F.  
Doucette, Clarence L.  
Ellison, Arthur N.  
Ferrick, James  
Ferrick, Joseph  
Gray, Dwight O.  
Greenyer, Edwin B.  
Heselton, Robert N.  
Holt, Kilburn  
Hunt, G. Herbert  
Larson, Harry L.  
Libbey, Henry H.  
Lumsden, Blin W.  
MacDougal, Ernest C.

## GIRLS

Simpson, Mildred C.  
 Stone, Ada B.  
 Thomas, Margaret  
 Tucker, Esther R.  
 Twombly, Priscilla  
 Ward, Gertrude E.  
 White, Louise M.

## BOYS

Maguire, Daniel  
 Marchetti, George L.  
 Maxwell, Albert C.  
 McCaughey, W. Irving  
 McLeod, Herbert W.  
 Metcalf, Harold R.  
 Moore, Henry E.  
 O'Brien, Harold W.  
 Oxley, Radcliffe M.  
 Perry, John A.  
 Quinlan, Francis E.  
 Quinlan, Thomas E.  
 Reid, James  
 Richards, Stuart F.  
 Riley, William  
 Rowe, Fred I.  
 Saunders, Karl R.  
 Sheehan, John  
 Sherman, Herbert  
 Starke, Raymond R.  
 Stevens, Seth  
 Stokes, Clifton H.  
 Sylvester, Wilfred B.  
 Thomas, Dwight H.  
 Thompson, J. Earle  
 Thornton, Thomas J.  
 Turner, Frank O.  
 Tuttle, Stuart K.  
 Waterhouse, Edson  
 Waldron, Raymond W.  
 Wright, Charles A.  
 Young, Nelson B.



## STATISTICS

## NUMBER OF CHILDREN IN TOWN BETWEEN 5 AND 15 YEARS

September, 1899	.	.	.	.	.	.	.	832
" 1900	.	.	.	.	.	.	.	853
" 1901	.	.	.	.	.	.	.	890
" 1902	.	.	.	.	.	.	.	915
" 1903	.	.	.	.	.	.	.	967
" 1904	.	.	.	.	.	.	.	938
" 1905	.	.	.	.	.	.	.	972
" 1906	.	.	.	.	.	.	.	1022
" 1907	.	.	.	.	.	.	.	997
" 1908	.	.	.	.	.	.	.	1005
" 1909	.	.	.	.	.	.	.	1029
" 1910	.	.	.	.	.	.	.	1030
" 1911	.	.	.	.	.	.	.	1013
" 1912	.	.	.	.	.	.	.	1048
" 1913	.	.	.	.	.	.	.	1121

## NUMBER OF CHILDREN IN TOWN BETWEEN 7 AND 14 YEARS

September, 1899	.	.	.	.	.	.	.	648
" 1900	.	.	.	.	.	.	.	648
" 1901	.	.	.	.	.	.	.	680
" 1902	.	.	.	.	.	.	.	636
" 1903	.	.	.	.	.	.	.	682
" 1904	.	.	.	.	.	.	.	758
" 1905	.	.	.	.	.	.	.	698
" 1906	.	.	.	.	.	.	.	759
" 1907	.	.	.	.	.	.	.	723
" 1908	.	.	.	.	.	.	.	695
" 1909	.	.	.	.	.	.	.	737
" 1910	.	.	.	.	.	.	.	708
" 1911	.	.	.	.	.	.	.	784
" 1912	.	.	.	.	.	.	.	745
" 1913	.	.	.	.	.	.	.	778

Length of school year, 1912-1913 . . . . .	10 months
Number of days lost from stormy days, etc. . . . .	11 days
Actual length of school year . . . . .	9 mos. 9 days
Number of different pupils enrolled for the year ending June, 1913 . . . . .	1364

AVERAGE NUMBER IN EACH OF THE TWELVE GRADES FOR THE FIRST  
FOUR MONTHS OF THE SCHOOL YEAR

YEAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	SP.	TOTAL
1899	120	103	102	87	108	75	93	68	56	46	17	23	5	903
1900	127	136	66	107	89	98	66	82	49	37	36	14	0	907
1901	177	102	108	77	105	87	97	64	61	42	28	25	5	978
1902	142	126	90	86	117	98	100	70	56	64	34	21	4	1008
1903	127	114	103	104	86	109	97	93	63	61	53	31	9	1050
1904	129	131	116	116	95	91	109	86	79	61	53	54	4	1123
1905	129	118	130	124	105	104	88	100	85	76	45	48	4	1156
1906	118	129	109	127	120	100	93	100	88	72	63	42	5	1166
1907	120	110	150	114	123	109	96	110	78	82	58	50	6	1212
1908	123	111	120	128	97	138	97	118	92	75	75	47	5	1226
1909	133	113	118	124	119	93	116	108	110	79	68	62	7	1250
1910	119	116	105	121	120	109	88	108	116	98	75	53	9	1237
1911	112	113	114	103	127	97	125	100	99	78	69	58	6	1201
1912	134	111	109	111	116	129	87	126	87	84	66	63	5	1228
1913	155	130	110	94	120	130	115	99	117	72	64	56	4	1266

## FINANCIAL STATEMENT SCHOOL DEPARTMENT

## EXPENDED 1913

Teachers' and Superintendent's salaries . . . . .	\$28,560 27
Janitors' salaries . . . . .	3,393 56

## OTHER SALARIES:

Truant Officer . . . . .	\$150 00	
Medical Inspector . . . . .	300 00	
Census Enumerator . . . . .	100 00	
	<hr/>	550 00

## TRANSPORTATION OF PUPILS:

Street Railway tickets . . . . .	\$725 00	
Barge service . . . . .	142 25	
	<hr/>	867 25

## TUITION PAID:

Truant School . . . . .	\$36 70	
Industrial Schools . . . . .	191 10	
	<hr/>	227 80

Books . . . . .	1,274 48
Supplies for pupils . . . . .	1,914 29
Apparatus for teaching . . . . .	6 60

## GENERAL EXPENSES:

Printing and advertising . . . . .	\$135 19	
Office supplies and stationery . . . . .	50 80	
Telephones . . . . .	136 27	
School Committee expenses . . . . .	37 75	
Superintendent's expenses . . . . .	21 85	
Law enforcement and police service . . . . .	4 00	
Lectures and public meetings . . . . .	37 44	
	<hr/>	423 30

Fuel . . . . .	2,819 87
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## BUILDING MAINTENANCE:

Light . . . . .	\$211 73	
Water . . . . .	244 84	
Removal of ashes . . . . .	43 15	
Janitors' supplies . . . . .	385 87	
	<hr/>	885 59

## ORDINARY REPAIRS:

Buildings . . . . .	\$1,687 99	
Furniture . . . . .	140 98	
Grounds . . . . .	403 12	
	<hr/>	2,232 09
		<hr/>
		\$43,155 10

## SPECIAL REPAIRS AND ALTERATIONS:

Centre School toilets . . . . .	\$1,680 00	
Chestnut Hill School toilets . . . . .	990 00	
	<hr/>	2,670 00
		<hr/>
		\$45,825 10

## DETAIL—TRANSPORTATION OF PUPILS

Bay State Street Railway Co., tickets	\$725 00	
James Borthwick, barge service . . . . .	61 00	
D. A. Stanley, barge service . . . . .	81 25	
	<hr/>	\$867 25

## DETAIL—TUITION PAID

City of Boston, Industrial Schools . . . . .	\$191 10	
Middlesex County Truant School . . . . .	36 70	
	<hr/>	\$227 80

## DETAIL—BOOKS

Adams, J. Q. Co., reference books . . . . .	\$7 00
Allyn & Bacon, text books . . . . .	159 08
American Book Co., text books . . . . .	233 08
American Express Co., expressage . . . . .	3 47
Atkinson, Mentzer & Co., books . . . . .	4 63
Babb, E. E. & Co., text books . . . . .	180 81
Barnard, F. J. & Co., rebinding books . . . . .	168 38
Bobbs-Merrill Co., books . . . . .	1 25
Bridgman & Lyman, song book . . . . .	1 10
Brown, J. D., books . . . . .	20 00
Cummings Express, express . . . . .	8 51
Ditson, Oliver, music . . . . .	105 86
Fisher, Carl, music . . . . .	60
Ginn & Co., text books . . . . .	178 96

Hammett, J. L. & Co., books . . .	\$1 40
Heath, D. C., text books . . .	60 13
Houghton, Mifflin Co., English books . . .	4 95
King-Richardson Co., books . . .	5 50
Little, Brown & Co., Primary readers . . .	25 93
Merrill, Charles E. Co., books . . .	25 22
Milton, Bradley Co., books . . .	76
Old Corner Book Store, books . . .	1 75
Palmer, The A. N. Co., writing books . . .	14 80
Schmidt, Arthur P., music . . .	3 96
Schoenhof Book Co., books . . .	25 00
Scribners', Charles Sons, books . . .	9 90
Thompson, Brown Co., books . . .	2 62
University Society, The, books . . .	18 53
Wilson, George F., music . . .	1 30
	<hr/> \$1,274 48

#### DETAIL—SUPPLIES FOR PUPILS

Adams & Co., ribbon for diplomas . . .	\$4 00
American Express Co., express . . .	8 93
Angell Co., pencil sharpener . . .	21 00
Atkinson, Mentzer & Co., paper . . .	68 30
Babb, Edward E. & Co., supplies . . .	541 23
Barrett Mfg. Co., supplies . . .	2 00
Bay State Paper Co., paper . . .	5 75
Carter's Ink Co., typewriter supplies . . .	30 00
Castine, Simon . . .	50
Charles, M. F., supplies . . .	2 35
Copeland, H. O., ribbon . . .	48
Corliss, Marion, biology supplies . . .	3 35
Edwards, Leander M., supplies . . .	7 45
Fisher, Carl, music . . .	64
Frost & Adams Co., charcoal . . .	85
Ginn & Co., supplies . . .	20 96
Hammett, J. L. Co., supplies . . .	552 48
Holden Book Cover Co., book covers . . .	8 00
Hunter, J. B. & Co., hardware . . .	22 29

Ingalls, Maud H., biology supplies . . . . .	\$7 80	
King, W. E., ink . . . . .	2 50	
Knott, L. E., Apparatus Co., laboratory supplies . . . . .	32 96	
Marine Biological Co., biology supplies . . . . .	12 15	
Milton Bradley Co., supplies . . . . .	119 21	
Palmer, A. N. Co., writing supplies . . . . .	108 28	
Parker & Page Co., lumber, manual training . . . . .	241 11	
Remington Typewriter Co., typewriter supplies . . . . .	18 50	
Whitall, Tatum Co., supplies . . . . .	6 28	
	<hr/>	\$1,914 29

## DETAIL—APPARATUS FOR TEACHING

Kempton, W. H., framing picture . . . . .	\$1 45	
Knott, L. E., Apparatus Co., supplies . . . . .	5 15	
	<hr/>	\$6 60

## DETAIL—GENERAL EXPENSES

## PRINTING AND ADVERTISING:

Cummings & Saunders, printing . . . . .	\$18 25	
Library Bureau, cards . . . . .	4 89	
Phelps & Carlson, printing . . . . .	5 00	
Twombly, W. E. & J. F., printing . . . . .	107 05	
	<hr/>	\$135 19

## OFFICE SUPPLIES AND STATIONERY:

Allen Bros., dater . . . . .	\$2 50	
Gurney, C. F., letter tray . . . . .	3 05	
Kenney Bros. & Wolkins, envelopes . . . . .	4 00	
Lombard, Alice M., postage . . . . .	2 22	
Macey, Stetson Morris Co., supplies . . . . .	5 00	
Meek, Henry M. Pub. Co., directory . . . . .	3 50	
Ward, Samuel Co., supplies . . . . .	20 12	
Watkins, H. T., postage . . . . .	6 66	
Wilkinson, D. M., ink pads . . . . .	1 40	
Wright & Potter Printing Co., ledger sheets . . . . .	2 35	
	<hr/>	\$50 80

## TELEPHONES :

N. E. Tel. & Tel. Co. . . . .	\$136 27
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## SCHOOL COMMITTEE EXPENSES :

Butler, Philip H. & Co., tablet . . . . .	\$9 25	
Poor, H. W., expenses . . . . .	8 00	
Scott, C. L., photographs . . . . .	5 00	
Studley, Edward H., engrossing diplomas . . . . .	15 50	
	<hr/>	\$37 25

## SUPERINTENDENT'S EXPENSES :

H. T. Watkins, expenses to Maine . . . . .	\$21 85
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## LAW ENFORCEMENT AND POLICE SERVICE :

Cullinane, Jeremiah, police service . . . . .	\$1 00	
Low, Oscar, police service . . . . .	3 00	
	<hr/>	\$4 00

## LECTURES AND PUBLIC MEETINGS :

Beatley, Clara, lecture . . . . .	\$5 00	
Blackburn, Alexander, address . . . . .	10 00	
Atkinson, Geo. H. Co., supplies . . . . .	4 24	
Parker, Mrs. Fred, punch and crackers . . . . .	5 70	
Vocational Bureau, The, vocational course . . . . .	12 50	
	<hr/>	\$37 44

## DETAIL—FUEL

Bancroft, Wendell & Co., coal and wood . . . . .	\$433 00	
Boston & Maine R. R., freight . . . . .	871 04	
Cummings' Express, carting ashes . . . . .	52 72	
Hanscom, E. C., teaming . . . . .	102 50	
Hodson Brothers, setting glass . . . . .	3 00	
Malden & Melrose Gas Co., gas . . . . .	20 90	
Russell Coal Co., coal . . . . .	538 35	
Sweetser, P. N., coal . . . . .	726 86	
Thompson, S. L., removing ashes . . . . .	5 00	
Wakefield, Charles, wood . . . . .	66 50	
	<hr/>	\$2,819 87



## DETAIL—BUILDING MAINTENANCE

## LIGHT :

Municipal Light Board . . . .	\$211 73
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## WATER :

Reading Water Works . . . .	\$244 84
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## REMOVAL OF ASHES

Cummings' Express, carting . . . .	\$27 65
Zanni, Angelo, carting . . . .	15 50
	<hr/>
	\$43 15

## JANITORS' SUPPLIES

American Express, expressage . . . .	\$3 80
Atkinson, Geo. H. Co., supplies . . . .	5 25
Babb, E. E. & Co., paper . . . .	6 50
Berry, D. W., teaming . . . .	1 00
Boston Iron Works, window platform . . . .	5 00
Burton, A. & E. Co., brushes . . . .	27 00
Carr Chemical Co., boiler compound . . . .	7 80
Cook, A. S., cheese cloth . . . .	3 00
Dallman, H. L., brushes, etc. . . .	19 50
Doughty, Henry C., floor spray . . . .	118 02
Gurney, G. F., cleaning cloths . . . .	13 38
Hammett, J. L. Co., supplies . . . .	15 52
Jameson, F. J., floor spray . . . .	29 75
Kidder, Mrs. William, repairing flags . . . .	5 61
Metcalf, E. C., supplies . . . .	10 14
Reading Custom Laundry, laundry . . . .	30
Wallace, F., supplies . . . .	2 10
West Disinfecting Co., disinfectant soap . . . .	108 00
Wilkinson, A. J. Co., clams . . . .	4 20
	<hr/>
	\$385 87

## DETAIL—ORDINARY REPAIRS

## BUILDINGS :

Bancroft, Wendell Co., lumber . . . .	\$4 65
Burgess, R. P., mason work . . . .	43 50

Clapp, R. D., repairs . . . .	129 83	
Ellenwood, Louis, repairs . . .	173 81	
Fife, T. O., repairs . . . . .	210 72	
Flynn, The T. J. Co., repairing gutters . . . . .	21 03	
Francis Bros., repairs, etc. . . .	799 54	
Hodson Bros., setting glass . . .	44 05	
Jackson, Charles, repairing chairs	5 60	
Johnson, H. R., repairs . . . .	1 35	
Maxwell, J. M. Jr., electrical repairs	185 58	
Ordway, O. O., repairs . . . . .	40	
Park, H. L., mason work . . . .	1 00	
Reading Water Works, repairs . .	2 50	
Stewart & Robertson, repairs . .	64 43	
	<hr/>	\$1,687 99

## FURNITURE:

American Seating Co., rubber tubing . . . . .	\$7 80	
Blodgett Clock Co., repairing clock system . . . . .	15 20	
Boston & Maine R. R. . . . .	25	
Charles, M. F., repairs . . . . .	25 75	
Heywood Bros. & Wakefield Co., repairing chairs . . . . .	50	
Ladd, Frederic A., tuning pianos	\$10 50	
Murphy, J. A., repairing clocks . .	5 50	
Nichols, C. A., cleaning rug . . .	1 00	
Nye, Edward B., tuning piano . .	2 50	
Remington Typewriter Co., repairing typewriters . . . . .	3 90	
Stewart & Robertson, repairs . .	30 47	
Stuart & Howland Co., electrical repairs . . . . .	35 61	
	<hr/>	\$140 98

## GROUNDS:

Devaney, Matthew, labor . . . .	\$34 25
Sweetser, Percy N., seed and sand	11 27

Thompson, S. L., grading . . .	323 00	
Wallace, F., grass seed . . .	60	
Welch, Wm. F., dressing . . .	22 00	
West Side Greenhouse Co., window boxes . . . . .	12 00	
	<hr/>	\$403 12

#### DETAIL—SPECIAL REPAIRS AND ALTERATIONS

Stewart & Robertson, toilets, Centre School . . . . .	\$1,680 00	
Stewart & Robertson, toilets, Chestnut Hill . . . . .	990 00	
	<hr/>	\$2,670 00

## REPORT OF PUBLIC LIBRARY

The Trustees of the Public Library submit the following report :

### EXPENSES OF THE LIBRARY

The receipts of the library for the year were as follows :

Appropriation (raised by taxation) . . .	\$1,325 00
Proceeds of the dog tax . . . . .	680 36
Receipts from fines, sale of cards, catalogues, etc., appropriated for the use of the library .	76 00
Refund, error in payment . . . . .	1 32
	<hr/>
	\$2,082 68

The expenditures were :

#### SALARIES AND WAGES :

Bertha L. Brown . . . . .	\$300 00
Grace J. Abbott . . . . .	41 25
Charles H. Stinchfield . . . . .	55 11
	<hr/>
	\$396 36

#### OTHER EXPENSES :

Books and periodicals . . . . .	461 23
Binding . . . . .	65 61
Fuel and light . . . . .	219 32
Rent . . . . .	600 00
Taxes (paid as part rent) . . . . .	206 20
Printing . . . . .	37 25
Furniture . . . . .	49 53
Minor items . . . . .	47 18
	<hr/>
	\$2,082 68

## ORGANIZATION OF THE BOARD

At the annual town meeting Messrs. Edes and Wadlin were reelected and Frank C. Carter was elected to the vacancy caused by the death of Mr. Barrows. Subsequently, the Trustees organized by the choice of Mr. Wadlin as Chairman, and Mr. Mansfield as Secretary.

## ADDITIONS TO THE LIBRARY

At the close of the year 1912, the library contained 8,182 volumes. During the year, 253 volumes have been added by purchase, 52 by gift, 38 replacements have been made, by purchase, of books previously worn out or discarded, and 25 volumes reclaimed from books previously set aside on account of fire damages, the total thus becoming 8,550. The number of volumes worn out during the year and not yet replaced is 46. The net number of volumes contained in the library at the close of the year (December 31, 1913), is therefore 8,504.

The books purchased include a selection carefully made from the current publications in the different departments of literature, and although limited in number by the limitations of our appropriation are intended, as far as possible, to meet the varied tastes of readers, old and young. New purchases are displayed on open shelves.

## THE USE OF THE LIBRARY

The circulation for home use numbers 21,826 volumes, as compared with 19,243 for the preceding year. This is the largest recorded circulation which the library has had in any single year. The largest circulation for any single month was 2,552, in March; and the smallest monthly circulation, 1,478, was recorded in June and September.

During the year, 303 new card holders have been registered. We hope that the tendency toward an enlarged use of the library, indicated by these figures, may continue.

We particularly call the attention of all our citizens to the facilities which the library affords for instructive and recreative reading. We repeat the following from a previous report:

“Are you interested in any special subject? Would you like to have a wider knowledge of the world’s progress and history, or become acquainted with at least a few of the great writers: or familiar with some of the great poems, or novels, or essays that have been preserved as classics among the great number of books that have been printed? Or would you like to know something of the great changes that have occurred in scientific thought during the last ten years? Or something about the growth of our great industries—like the steel industry, for example? Or perhaps something of the literature of your own trade or profession? The Public Library contains something for you among these subjects. It is established and maintained to help you. If you want something that it can furnish, ask for it. The librarian is there to assist you if she can. If you want a book that is not now in the library, it will be bought for your use if possible, if you will leave its title—or perhaps a better book substituted for it: except, of course, that we cannot, with our limited means, buy extensively merely temporary books of fiction, or expensive books that would not be of general interest or value. \* \* \* \* Let us help you form the library habit. You may want to look into an encyclopædia occasionally. We have one: also other books of reference.”

On Wednesday evenings the seating capacity of the library, at the tables for readers, has frequently been insufficient. Two new tables have been placed behind the book stacks, reserved wholly for adults or for pupils from the High School, who are thus less disturbed by the more restless younger visitors, and somewhat removed from the general operations of the delivery desk.

## NOTEWORTHY GIFTS

Crayon portraits of Mr. J. Brooks Leathe and his wife have been given to the Library by bequest of their daughter, Miss Priscilla Leathe. Mr. Leathe was a leading citizen of Reading during his life. He was an early storekeeper, dealing in groceries and general merchandise on West street, near its junction with Woburn street, from 1833 to 1864. He was afterward an Assistant Assessor in the Internal Revenue Department until the office was abolished in 1873. He was a Selectman in 1848, 1849, 1859-62 and 1866.

Miss Jessie Grouard has presented ten specimens of Confederate currency notes, supplementing others, framed and hung in the library, which were given by another donor.

## LOAN EXHIBITION

In February a travelling library of books and pictures on the subject of health, lent by the Reading Woman's Club, was exhibited in the Library.

## NEW ACCESSIONS OF PERIODICALS

The Woman's Home Companion, National Geographic Magazine, American Homes and Gardens, The Etude, and Everyland have been added to the list of periodicals currently taken.

The Strand has been discontinued.

## ESTIMATE FOR 1914

The following estimate of maintenance requirements has been furnished to the Town Accountant as required by law :

For rent, including taxes paid on account of rent . . . . .	\$825 00
For salaries . . . . .	475 00
Heat and light . . . . .	250 00
Books and periodicals . . . . .	425 00
Minor expenses, including bookbinding . . . . .	250 00
Total . . . . .	<hr/> \$2,225 00



To be provided as follows:

Appropriation of receipts, fines, etc. (estimated) . . . . .	\$80 00
From dog tax proceeds (estimated) . . . . .	700 00
Additional, to be raised and appropriated	1,445 00
	<hr/> \$2,225 00

Of the foregoing \$1,445 to be raised by taxation the estimated sum of \$225 will be paid into the Town Treasury by way of taxes assessed on premises which we occupy, and as part rent on the same.

These estimates show an increase as compared with the estimates of last year of \$75 in the amount set against books and periodicals, the amount estimated last year being insufficient. In other respects the items are the same as presented last year, and they appear to be warranted by the expenditures of 1913. The fixed charges of rent, heat, light and salaries, as we have frequently pointed out, cannot be reduced if the library is to be operated at all. Only what remains after these charges have been met is available for books and periodicals. In the estimated receipts the amount estimated last year as likely to be obtained from fines and dog tax proved too high, and in the present statement has been reduced to conform more nearly to the actual experience of the year, leaving the amount to be raised in the tax levy, to meet the requirements as estimated, \$1,445, instead of \$1,325, the amount thus raised last year.

### CONCLUSION

The services of Miss Bertha L. Brown, librarian, loyally rendered to the library, and efficiently performed in the public interest, are appreciated by the Trustees, and we place our acknowledgment on record here.

Two vacancies in the Board require to be filled at the ensuing town meeting, the terms of Messrs. Harry P. Bosson and Frank C. Carter, expiring.

Read and adopted February 4, 1914, as the Report of the Board for the year ending December 31, 1913.

Respectfully submitted,

HORACE G. WADLIN, Chairman,  
ARTHUR N. MANSFIELD, Secretary,  
HARRY P. BOSSON,  
HENRY C. PARKER,  
ROBERT EDES,  
FRANK C. CARTER,

Trustees.



**Accountant's Report**  
OF THE  
**RECEIPTS AND PAYMENTS**  
OF THE  
**TOWN OF READING**



Classified as prescribed by the Bureau of Statistics,  
Schedule A

FOR THE  
**Fiscal Year Ending December 31, 1913**

## SCHEDULE A—I

## RECEIPTS

FISCAL YEAR ENDING DEC. 31, 1913

## REVENUE

## GENERAL

## I TAXES

1 Property . . . . .	\$117,606 26
2 Poll . . . . .	3,574 00
3 Corporation . . . . .	6,380 13
4 Street Railway . . . . .	2,756 77
5 Bank . . . . .	805 11

## II LICENSES

6 Permits . . . . .	71 00
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## III FINES AND FORFEITS

7 Court Fines . . . . .	161 00
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## IV GRANTS AND GIFTS

8 County (Dog Licenses) . . . . .	680 36
9 High School Tuition . . . . .	261 00

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 \$132,295 63

## COMMERCIAL REVENUE

## V SPECIAL ASSESSMENTS

10 Moth Extermination . . . . .	\$1,214 32
11 Sidewalks and Curbing . . . . .	44 83

## VI PRIVILEGES

12 Public Service . . . . .	3,845 53
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## VII DEPARTMENTAL

13 General Government . . . . .	49 76
14 Protection of Persons and Property . . . . .	1,481 25
15 Health and Sanitation . . . . .	1 00
16 Highways . . . . .	248 25
17 Charities . . . . .	1,293 80
18 Soldiers' Benefits . . . . .	1,996 87

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*Amount carried forward to page 325* . . . . . \$142,471 24

# SCHEDULE A—I RECEIPTS—Continued

*Amount brought forward from page 324* . . . \$142,471 24

19 Libraries . . . . .	77 32
20 Education . . . . .	2,063 62
21 Recreation . . . . .	10 00
22 Unclassified . . . . .	1,127 89

## VIII PUBLIC SERVICE ENTERPRISES

23 Electric . . . . .	56,825 82
24 Water . . . . .	27,513 78

IX CEMETERIES . . . . . 2,505 80

X INTEREST . . . . . 2,802 61

XI MUNICIPAL INDEBTEDNESS . . . . . 3,000 10

## NON-REVENUE

### XII OFFSETS TO OUTLAYS

#### I DEPARTMENTAL

1 Protection to Persons and Property . . . . .	2 24
2 Highways . . . . .	114 60
3 Unclassified . . . . .	500 04
4 Public Service Enterprises . . . . .	7,250 00

### XIII MUNICIPAL INDEBTEDNESS

5 Temporary Loans . . . . .	115,000 00
6 General Loans . . . . .	10,200 00
7 Public Service Enterprises . . . . .	41,000 00

### XIV AGENCY TRANSACTIONS

8 Agency	
(a) State . . . . .	12,157 50
(b) Non-Resident Bank . . . . .	448 22
(c) County . . . . .	6,013 46

### XV REFUNDS

(a) Taxes . . . . .	39 18
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XVI TRANSFERS . . . . . 21,540 01

Total Receipts . . . . . \$452,663 43

# SCHEDULE A—1

## PAYMENTS

FISCAL YEAR ENDING DEC. 31, 1913

## MAINTENANCE

## I DEPARTMENTAL

1 General Government . . . . .	\$7,343 15
2 Protection of Persons and Property . . . . .	22,254 97
3 Health and Sanitation . . . . .	2,486 92
4 Highways . . . . .	15,546 36
5 Charities . . . . .	5,362 91
6 Soldiers' Benefits . . . . .	2,450 72
7 Education . . . . .	42,004 78
8 Library . . . . .	2,082 68
9 Recreation . . . . .	658 39
10 Unclassified . . . . .	2,988 17

## II PUBLIC SERVICE ENTERPRISES

11 Electric . . . . .	58,356 58
12 Water . . . . .	11,974 58

III 13 CEMETERY . . . . .	1,844 92
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## IV INTEREST

14 Temporary Loans . . . . .	3,692 68
15 General Loans . . . . .	3,577 41
16 Public Service Enterprises . . . . .	10,327 88

## V MUNICIPAL INDEBTEDNESS

17 General . . . . .	14,300 00
18 Public Service Enterprises . . . . .	14,800 00

## VI OUTLAYS

## II DEPARTMENTAL

19 Protection of Persons and Property . . . . .	8,345 89
20 Highways . . . . .	13,895 86
21 Charities . . . . .	153 00
22 Education . . . . .	3,636 32
23 Unclassified . . . . .	575 12

*Amount carried forward to page 327* . . . . . \$248,659 29



SCHEDULE A—1  
**PAYMENTS—Continued**

<i>Amount brought forward from page 326</i>	.	.	\$248,659 29
VII PUBLIC SERVICE ENTERPRISES			
24 Electric	.	.	21,414 75
25 Water	.	.	7,224 47
VIII CEMETERY	.	.	385 44
IX MUNICIPAL INDEBTEDNESS			
26 Temporary Loans	.	.	115,000 00
X AGENCY TRANSACTIONS			
27 Agency			
(a) State Tax	.	.	12,157 50
(b) Non-resident Bank	.	.	448 22
(c) County	.	.	6,013 46
XI REFUNDS			
28 Taxes	.	.	39 18
XII TRANSFERS			
29 Various	.	.	21,540 01
Total Payments	.	.	<u>\$432,882 32</u>

## SCHEDULE A—II

### RECAPITULATION—RECEIPTS

#### REVENUE

Current charges . . . . .	\$238,398 18
Offsets to Outlays . . . . .	7,866 88
Municipal Indebtedness . . . . .	166,200 00
Agency Transactions . . . . .	18,619 18
Refunds . . . . .	39 18
Transfers . . . . .	21,540 01
<hr/>	
Total Receipts . . . . .	\$452,663 43
Balance on hand Dec. 31, 1912 . . . . .	8,202 25
<hr/>	
Grand total . . . . .	\$460,865 68

### RECAPITULATION—PAYMENTS

#### CURRENT CHARGES AGAINST REVENUE

Maintenance and Interest . . . . .	\$192,953 10
Debt . . . . .	29,100 00
Outlays . . . . .	55,630 85
Temporary Loans . . . . .	115,000 00
Agency Transactions . . . . .	18,619 18
Refunds . . . . .	39 18
Transfers . . . . .	21,540 01
<hr/>	
Total Payments . . . . .	\$432,882 32
Balance on hand Dec. 31, 1913 . . . . .	27,983 36
<hr/>	
Grand total . . . . .	\$460,865 68

## SCHEDULE A—III

### RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>General Revenue</b>			
<b>1 TAXES</b>			
CURRENT YEAR			
1 Property . . . . .	\$73,603 49		
2 Polls . . . . .	2,130 00		
PREVIOUS YEAR			
3 Property . . . . .	44,002 77		
4 Polls . . . . .	1,444 00		
FROM THE STATE			
5 Corporations . . . . .	6,380 13		
6 Street Railway . . . . .	2,756 77		
7 Bank . . . . .	805 11		
Total from Taxes . . . . .	\$131,122 27		\$131,122 27
<b>2 LICENSES AND PERMITS</b>			
8 Permits . . . . .	\$71 00		
Total from Permits . . . . .	\$71 00		71 00
<b>3 FINES AND FORFEITS</b>			
9 Court Fines . . . . .	\$161 00		
Total from Fines . . . . .	\$161 00		161 00
<b>4 GRANTS AND GIFTS</b>			
GRANTS FROM OTHER CIVIL DIVISIONS			
10 High School Tuition . . . . .	\$261 00		
11 From County, Dog Licenses . . . . .	680 36		
Total from Grants and Gifts . . . . .	\$941 36		941 36
<b>Commercial Revenue</b>			
<b>5 SPECIAL ASSESSMENTS</b>			
12 Moth Extermination . . . . .	\$1,214 32		
13 Sidewalks . . . . .		\$44 83	
Total from Spec. Assessm'ts . . . . .	\$1,214 32	\$44 83	1,259 15
<b>6 PRIVILEGES</b>			
14 Public Service . . . . .	\$3,845 53		
Total from Privileges . . . . .	\$3,845 53		3,845 53
<b>Total forward . . . . .</b>			<b>\$137,400 31</b>

[illegible]

SCHEDULE A—III—Continued  
**PAYMENTS**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
<b>1 DEPARTMENTAL</b>			
<b>1A GENERAL GOVERNMENT</b>			
LEGISLATIVE			
1 Moderator . . . . .	\$45 00		
EXECUTIVE			
2 Selectmen			
(a) Salaries . . . . .	537 50		
(b) Other Expenses . . . . .	80 64		
FINANCIAL			
3 Accountant			
(a) Salary . . . . .	708 34		
4 Treasurer			
(a) Salary . . . . .	566 66		
(b) Other Expenses . . . . .	166 55		
5 Collector			
(a) Salary . . . . .	993 32		
(b) Other Expenses . . . . .	129 69		
6 Assessors			
(a) Salaries . . . . .	1,108 20		
(b) Expenses . . . . .	536 99		
(c) Block System . . . . .	693 20		
OTHER GENERAL DEPARTMENTS			
7 Town Clerk			
(a) Salary . . . . .	150 00		
(b) Other Expenses . . . . .	222 04		
8 Election and Registration			
(a) Salaries . . . . .	145 00		
(b) Expenses . . . . .	658 81		
MUNICIPAL BUILDINGS			
9 Town Room			
(a) Expenses . . . . .	601 21		
Total for Gen'l Gov't . . . . .	\$7,343 15		\$7,343 15
Total forward . . . . .			\$7,343 15

## SCHEDULE A—III—Continued

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$137,450 07
7B PROTECTION OF PERSONS AND PROPERTY			
FIRE DEPARTMENT			
18 Sale of Material . . . .	\$33 12		
INSPECTION			
19 Sealer Weights and Measures	34 30		
FORESTRY			
20 Insect and Pest Exterminat'n	1,413 83		
21 Forest Warden . . . .		\$2 24	
Total from Protection of Per- sons and Property . . . .	\$1,481 25	\$2 24	1,483 49
7C HEALTH AND SANITATION			
HEALTH			
22 Miscellaneous . . . .	\$1 00		
Total from Health and Sani- tation . . . . .	\$1 00		\$1 00
Total forward . . . . .			\$138,934 56

SCHEDULE A—III—Continued  
**PAYMENTS**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$7,343 15
1B PROTECTION OF PERSONS AND PROPERTY			
POLICE DEPARTMENT			
10 Salaries and Wages . .	\$4,345 61		
11 Other Expenses . . .	194 48		
FIRE DEPARTMENT			
12 Salaries and Wages . .	3,601 14		
13 Horse Hire . . . .	1,161 88		
14 Equipment and Repairs . .		\$8,345 89	
15 Hydrant Rentals . . .	5,640 00		
16 Fuel and Light . . .	88 15		
18 Maintenance of Station . .	110 57		
19 Other Expenses . . .	811 46		
INSPECTION			
20 Inspection of Wires . . .	100 00		
21 Sealer Weights and Measures	116 97		
FORESTRY			
22 Insect and Pest Exterminat'n	5,658 51		
23 Forest Fires . . . .	426 20		
Total for Protection of Per- sons and Property . . .	\$22,254 97	\$8,345 89	30,600 86
1C HEALTH AND SANITATION			
HEALTH			
24 General Administration . .	\$256 25		
25 Other Expenses . . . .	897 97		
26 Inspection			
(a) Inspec. School Children	200 00		
(b) Inspec. Animals . . .	125 00		
(c) Inspec. Slaughtering .	75 00		
OTHER HEALTH AND SANITATION			
27 Care of Brooks and Streams	932 70		
Total Health and Sanitation .	\$2,486 92		2,486 92
Total forward . . . .			\$40,430 93



SCHEDULE A—III—Continued  
**RECEIPTS**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .			\$138,934 56
7D HIGHWAYS			
23 General . . . . .	\$248 25		
24 Oiling . . . . .		\$114 60	
Total from Highways . .	\$248 25	\$114 60	362 85
8E CHARITIES			
25 Town Home . . . . .			
(a) Sale of Products . .	\$482 65		
26 Reimbursements			
(a) From Individuals . .	272 53		
(b) From Other Cities and Towns . . . . .	361 62		
(c) From the State . .	177 00		
Total from Charities . .	\$1,293 80		1,293 80
8F SOLDIERS' BENEFITS			
27 State Aid . . . . .	\$1,794 00		
28 Soldiers' Burials . . . .	185 00		
29 Soldiers' Relief . . . . .	17 87		
Total from Soldiers' Benefits	\$1,996 87		1,996 87
Total forward . . . . .			\$142,588 08

## SCHEDULE A—III—Continued

## PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$40,430 93
1D HIGHWAYS			
28 General Administration . . . .	\$914 55		
29 Gen'l Highway Expenditures . . . .	5,220 45		
30 Construction . . . . .		\$4,631 45	
31 Sidewalks and Curbing . . . . .		473 24	
32 Snow and Ice Removal . . . . .	103 57		
33 Oiling . . . . .	2,114 60		
34 Sprinkling . . . . .			
(a) Water . . . . .	300 00		
(b) Other . . . . .	568 71		
35 Lighting . . . . .	6,000 00		
36 New Lights . . . . .		1,250 00	
37 Other Expenses . . . . .			
(a) Drinking Fountain . . . . .	300 00		
38 Special Construction . . . . .		7,541 17	
39 School Street . . . . .	24 48		
Total for Highways . . . . .	\$15,546 36	\$13,895 86	29,442 22
1E CHARITIES			
40 General Administration . . . . .	\$300 00		
41 Town Home . . . . .	2,910 32	\$153 00	
42 Outside Relief by City or Town . . . . .	190 00		
43 Relief given by other Cities or Towns . . . . .	391 99		
44 Commonwealth of Mass. . . . .	166 74		
45 Private Institutions . . . . .	68 93		
46 Other Expenses . . . . .	545 93		
47 Other Cities and Towns, Chap. 763, Acts 1913 . . . . .	192 00		
48 Com. of Mass., Chap. 763, Acts 1913 . . . . .	305 65		
49 Poor Dept., Chap. 763, Acts 1913 . . . . .	291 35		
Total for Charities . . . . .	\$5,362 91	\$153 00	5,515 91
1F SOLDIERS' BENEFITS			
50 State Aid . . . . .	\$1,708 00		
51 Soldiers' Burials . . . . .	37 00		
52 Soldiers' Relief . . . . .	705 72		
Total for Soldiers' Benefits . . . . .	\$2,450 72		2,450 72
Total forward . . . . .			\$77,839 78

## SCHEDULE A—III—Continued

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$142,588 08
8G EDUCATION			
30 Tuition . . . . .	\$1,753 50		
31 Sale of Text Books and Sup- plies . . . . .	50 34		
32 Miscellaneous . . . . .	259 78		
Total from Education . . . .	\$2,063 62		\$2,063 62
8H LIBRARIES			
33 Fines and Sales . . . . .	\$76 00		
34 Miscellaneous . . . . .	1 32		
Total from Libraries . . . .	\$77 32		\$77 32
8I RECREATION			
35 Rent of Playground . . . .	\$10 00		
Total from Recreation . . . .	\$10 00		\$10 00
Total forward . . . . .			\$144,739 02

SCHEDULE A--III—Continued  
**PAYMENTS**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$77,839 78
<b>1G EDUCATION</b>			
53 General Expenses			
(a) Administrative Salaries	\$533 28		
(b) Other General Salaries .	150 00		
54 Teachers' Salaries . . .	27,975 64		
55 Text Books and Supplies .	1,421 53		
56 Tuition . . . . .	191 10		
57 Transportation . . . .	856 25		
58 Support of Truants . . .	36 70		
59 Janitors' Services . . .	3,266 00		
60 Fuel and Lights . . . .	3,262 31		
61 Maintenance of Buildings and Grounds . . . . .	375 02		
62 Furnishings . . . . .		\$3,636 32	
63 Other Expenses . . . . .	3,936 95		
Total for Education . . .	\$42,004 78	\$3,636 32	45,641 10
<b>1H LIBRARIES</b>			
64 Salaries . . . . .	\$396 36		
65 Books and Periodicals . .	461 23		
66 Binding . . . . .	65 61		
67 Fuel and Light . . . . .	219 32		
68 Other Expenses . . . . .	133 96		
69 Rent . . . . .	806 20		
Total for Libraries . . .	\$2,082 68		2,082 68
<b>II RECREATION</b>			
70 Care of Common . . . .	\$106 47		
71 Rent of Playground . . .	342 00		
72 Band Concerts . . . . .	200 00		
73 Other Expenses . . . . .	9 92		
Total for Recreation . . .	\$658 39		658 39
Total forward . . . . .			\$126,221 95

## SCHEDULE A—III—Continued

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expense	Offsets to Outlays	Total
Total forward . . .			\$144,739 02
8J UNCLASSIFIED			
36 Overlay, 1912 . . .	\$2 82		
37 Haag Property . . .	1,035 00		
38 Grouard Estate . . .		\$500 04	
39 Taxes on Property Taken .	90 07		
Total from Unclassified .	\$1,127 89	\$500 04	1,627 93
3 PUBLIC SERVICE ENTERPRISES			
40 Electric			
(a) Income from Sale of Light and Power . . .	\$50,350 61		
(b) Miscellaneous . . .	6,475 21	\$7,250 00	
41 Water . . . . .			
(a) Income Sale of Water .	25,155 10		
(b) Miscellaneous . . .	2,358 68		
Total from Public Service Enterprises . . . .	\$84,339 60	\$7,250 00	91,589 60
4 CEMETERIES			
42 Sale of Lots and Graves .	\$1,815 18		
43 Care of Lots . . . .	685 00		
44 Miscellaneous . . . .	5 62		
Total from Cemeteries .	\$2,505 80		2,505 80
Total forward . . . .			\$240,462 35

SCHEDULE A—III—Continued  
**PAYMENTS**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$126,221 95
1J UNCLASSIFIED			
74 Library Fire Loss . . . .	\$33 46		
75 Insurance . . . . .	919 06		
76 Memorial Day . . . . .	200 00		
77 Care of and Lighting Clock . .	86 14		
78 Grouard Estate . . . . .		\$104 22	
79 Taxes Property Taken . . . .		470 90	
80 Printing Town Reports . . . .	610 65		
81 Lighting G. A. R. Hall . . . .	50 00		
82 Miscellaneous Expenses . . . .	1,088 86		
Total for Unclassified . . . .	\$2,988 17	\$575 12	3,563 29
2 PUBLIC SERVICE ENTERPRISES			
83 Electric			
(a) Maintenance and Operat'n	\$54,530 39		
(b) Construction . . . . .		\$21,414 75	
(c) Unpaid Bills . . . . .	3,826 19		
84 Water			
(a) Maintenance and Operat'n	11,974 58		
(b) Construction . . . . .		7,224 47	
Total for Public Service Enterprises . . . . .	\$70,331 16	\$28,639 22	98,970 38
3 CEMETERIES			
85 Maintenance . . . . .	\$1,844 92		
86 Improvements . . . . .		\$385 44	
Total for Cemeteries . . . . .	\$1,844 92	\$385 44	2,230 36
Total forward . . . . .			\$230,985 98

## SCHEDULE A—III—Continued

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Indebtedness	Total
Total forward . . .			\$240,462 35
5 INTEREST			
45 On Deposits . . .	\$323 72		
46 On Taxes . . .	2,478 89		
Total from Interest . . .	\$2,802 61		2,802 61
6 MUNICIPAL INDEBTEDNESS			
47 Loans, Anticipation Taxes		\$115,000 00	
48 Loans, General Purposes .		10,200 00	
49 Public Service Enterprises		41,000 00	
50 Premiums . . .	10		
51 Water Department Loan .	3,000 00		
Total from Mun. Indebtedness	\$3,000 10	\$166,200 00	169,200 10
Total forward . . .			\$412,465 06



SCHEDULE A—III—Continued  
PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Total forward . . . .			\$230,985 98
4 INTEREST			
87 On Loans in Anticipation of Taxes . . . .	\$3,692 68		
88 On Loans General Purposes . . . .	3,434 83		
89 On Loans Public Service Enterprises . . . .	10,470 46		
Total for Interest . . . .	\$17,597 97		17,597 97
5 MUNICIPAL INDEBTEDNESS			
90 Temporary Loans in Anticipation of Taxes . . . .		\$115,000 00	
91 Bonds and Notes from Revenue			
(a) General Loans . . . .	\$11,200 00		
(b) Public Service . . . .	14,800 00		
(c) Cemeteries . . . .	100 00		
(d) Water Department . . . .	3,000 00		
Total for Municipal Indebtedness . . . .	\$29,100 00	\$115,000 00	144,100 00
Total forward . . . .			\$392,683 95

## SCHEDULE A—III—Concluded

## RECEIPTS

SOURCES OF RECEIPTS		Temporary Accounts	Total
Total forward . . . .			\$412,465 06
7 AGENCY TRANSACTIONS			
52 Taxes			
(a) State . . . . .		\$12,157 50	
(b) Non-Resident Bank . . . .		448 22	
(c) County . . . . .		6,013 46	
Total Agency Transactions .		\$18,619 18	18,619 18
8 REFUNDS			
53 Taxes . . . . .		\$31 49	
54 Corporation Tax . . . . .		7 69	
Total Refunds . . . . .		\$39 18	39 18
9 TRANSFERS			
55 Various . . . . .		\$21,540 01	
Total Transfers . . . . .		\$21,540 01	21,540 01
10 BALANCES			
56 General . . . . .		Cash Balance \$6,872 22	
57 Municipal Light . . . . .		1,229 53	
58 Water Department . . . . .		100 50	
Total cash on hand at begin- ning of year . . . . .		\$8,202 25	8,202 25
Grand Total Receipts and Cash on hand . . . . .			\$460,865 68

SCHEDULE A—III—Concluded  
**PAYMENTS**

OBJECTS OF PAYMENTS		Temporary Accounts	Total
Total forward . . . .			\$392,683 95
6 AGENCY TRANSACTIONS			
92 Taxes			
(a) State . . . . .		\$12,157 50	
(b) Non-resident Bank . .		448 22	
(c) County . . . . .		6,013 46	
Total from Agency Trans. .		\$18,619 18	18,619 18
7 REFUNDS			
93 Taxes . . . . .		\$31 49	
94 Corporation Tax . . . . .		7 69	
Total Refunds . . . . .		\$39 18	39 18
8 TRANSFERS			
95 Various . . . . .		\$21,540 01	
Total Transfers . . . . .		\$21,540 01	21,540 01
9 BALANCES			
96 General . . . . .		Cash Balance \$7,335 80	
97 Municipal Light Dept. . .		19,272 33	
98 Water Dept. . . . .		1,375 23	
Total cash on hand at end of year . . . . .		\$27,983 36	27,983 36
Grand Total Payments and Cash on hand . . . . .			\$460,865 68

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